

State of Wyoming



Department of Health

Wyoming Vital Statistics 1998

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INTRODUCTION

Data in this report has been tabulated from birth, death, stillbirth, marriage, divorce and annulment records filed with Vital Records Services, and from transcripts of records from other states involving the death of a Wyoming resident or a birth to a mother who was a Wyoming resident. Although events are registered in the state in which they take place, the exchange of records between states allows the compilation of birth, death and stillbirth statistics by state and county of residence. Most of the birth and death information included here is presented by place of residence. Headings of individual tables specify resident or occurrence data. Marriage and divorce data is limited to Wyoming occurrences.

Tables include all events for which records were received in this office by April 30th of the year following the event. The number of events not included is small, and counts can be considered relatively complete.

The certification of the cause of death on the death certificate is completed by the attending physician or by the coroner with the assistance of a physician. Although a number of medical conditions may be listed on the certificate, statistics presented here are based solely on the underlying cause of death. This is defined as the disease or injury that initiated the sequence of events leading directly to death or as the circumstances of the accident or violence that produced the fatal injury. The underlying cause is selected and classified based upon the regulations of the World Health Organization as set forth in the *Manual of International Statistical Classification of Diseases, Injuries and Causes of Death*.

Population estimates used in these reports have been revised periodically. Thus, population based rates for past years in this report may differ from those previously published.

National data included in this report is from a series of publications of the National Center for Health Statistics entitled *National Vital Statistics Reports*. National marriage and divorce rates for 1998 are provisional. National natality and mortality data for 1998 is from a statistical file that is classified as "preliminary data."¹ Final U.S. data for 1998 may differ from these figures.

¹Births and deaths: Preliminary data for 1998. National vital statistics report; vol. 47, no. 25. National Center for Health Statistics. October 5, 1999.

Prior to 1989 births were tabulated by the race of the child. The child's race was derived from the race of both parents reported on the birth certificate. Since the race of the father has become unavailable on a growing number of certificates, data is now being tabulated by the race of the mother. This method of classification tends to decrease the number of births classified as non-white.

The method of calculation of the years of potential life lost (YPLL) statistic has changed several times in recent years. Beginning with the 1996 report YPLL has been calculated for all deaths prior to age 75, instead of age 65 as in past reports. Another change was made beginning with the 1993 report. At that time infant deaths, which had been excluded in previous reports, were included in the calculation.

Another recent change is the addition of Alzheimer's disease to the list of causes which is used to tabulate leading cause of death statistics. This began with 1994 mortality data both in this report and in national publications.

Caution should be used in the interpretation of vital statistics rates which are based on a small population, or on a small number of events. This is especially important when dealing with county rates. One or two events can make a substantial difference in these rates, causing them to vary considerably from year to year. For this reason some rates have been calculated for three or five year periods.

It should be noted that Wyoming's population is, in general, younger than that of the nation as a whole. Also, there is a wide variation in the age of the population from county to county within the state. These differences in age structure must be taken into account when comparing crude vital statistics rates. Younger populations will tend to have higher crude birth rates and lower crude death rates than older populations. It is necessary to compare age specific or age adjusted rates in order to eliminate this effect.

This report does not include all available tabulations. Additional data will be furnished upon request to Vital Records Services, Hathaway Building, Cheyenne, WY 82002.

**POPULATION BY COUNTY
WYOMING 1990 - 1998**

	Year								
	1990	1991	1992	1993	1994	1995	1996	1997	1998
Wyoming	453,589	457,768	463,519	469,065	474,894	478,364	480,060	480,043	480,907
Albany	30,797	30,822	30,733	31,010	30,943	30,786	30,562	29,762	29,185
Big Horn	10,525	10,556	10,657	10,700	10,851	11,111	11,194	11,098	11,380
Campbell	29,370	29,822	30,510	30,538	30,824	31,422	31,931	32,071	32,465
Carbon	16,659	16,366	16,083	16,193	16,038	16,034	15,927	15,808	15,575
Converse	11,128	11,130	11,366	11,566	11,670	11,936	12,125	12,332	12,337
Crook	5,294	5,306	5,390	5,414	5,626	5,644	5,766	5,820	5,829
Fremont	33,662	34,098	34,251	34,711	35,080	35,607	35,851	35,959	36,044
Goshen	12,373	12,395	12,450	12,576	12,612	12,642	12,713	12,949	12,886
Hot Springs	4,809	4,683	4,724	4,611	4,683	4,602	4,626	4,704	4,727
Johnson	6,145	6,194	6,257	6,328	6,493	6,623	6,712	6,769	6,824
Laramie	73,142	73,716	75,334	76,772	77,905	78,287	78,728	78,593	78,872
Lincoln	12,625	12,932	13,044	13,214	13,603	13,877	13,976	13,855	13,876
Natrona	61,226	61,885	62,317	62,850	63,804	63,807	63,643	63,635	63,341
Niobrara	2,499	2,421	2,458	2,516	2,536	2,600	2,640	2,645	2,706
Park	23,178	23,272	23,681	24,241	24,909	25,327	25,335	25,665	25,782
Platte	8,145	8,128	8,147	8,163	8,279	8,320	8,427	8,548	8,626
Sheridan	23,562	23,574	23,958	24,387	24,719	24,990	25,204	25,145	25,165
Sublette	4,843	4,957	5,013	5,171	5,390	5,492	5,572	5,647	5,738
Sweetwater	38,823	39,776	40,344	40,551	40,595	40,635	40,177	39,716	39,780
Teton	11,173	11,790	12,202	12,832	13,097	13,349	13,586	13,889	14,163
Uinta	18,705	19,157	19,580	19,734	20,131	20,132	20,233	20,313	20,465
Washakie	8,388	8,307	8,445	8,491	8,533	8,573	8,546	8,612	8,669
Weston	6,518	6,481	6,575	6,496	6,573	6,568	6,586	6,508	6,472

Note: Census enumerations were used for 1990. Figures for 1991 - 1998 are estimates developed by the Population Estimates Branch, U.S. Bureau of the Census.

DEFINITIONS

RESIDENCE DATA - data compiled on the basis of the place of residence of the decedent (deaths), or the place of residence of the child's mother (births, stillbirths).

OCCURRENCE DATA - data compiled on the basis of where the event actually occurred, regardless of the person's place of residence.

LIVE BIRTH - a birth that shows any sign of life after delivery.

LOW BIRTHWEIGHT - less than 2500 grams or 5 lbs. 8 oz.

INFANT DEATH - death of a live born infant under one year of age.

NEONATAL DEATH - death of a live born infant under 28 days old.

MATERNAL DEATH - death of a mother caused by complications of pregnancy, childbirth or the puerperium.

STILLBIRTH (FETAL DEATH) - death taking place after 20 weeks gestation and before birth.

(CRUDE) BIRTH RATE - number of live births per 1,000 population.

$$\frac{\text{live births}}{\text{total population}} \times 1,000$$

FERTILITY RATE - total number of live births per 1,000 women 15 - 44 years of age.

$$\frac{\text{live births}}{\text{females 15 - 44}} \times 1,000$$

(CRUDE) DEATH RATE - number of deaths per 1,000 population.

$$\frac{\text{deaths}}{\text{total population}} \times 1,000$$

AGE SPECIFIC DEATH RATE - the number of deaths in a specific age group per 100,000 population in that age group.

$$\frac{\text{deaths in age group}}{\text{population in age group}} \times 100,000$$

AGE ADJUSTED DEATH RATE (Direct Method) - rate used to compare relative

mortality risks across different groups and over time. It is computed by applying age-specific death rates to a standard population. Age adjusted rates should not be compared to crude rates.

CAUSE SPECIFIC DEATH RATE - number of deaths from a specific cause per 100,000 population.

$$\frac{\text{deaths from cause}}{\text{total population}} \times 100,000$$

INFANT MORTALITY RATE - number of infant deaths per 1,000 live births.

$$\frac{\text{infant deaths}}{\text{live births}} \times 1,000$$

NEONATAL MORTALITY RATE - number of neonatal deaths per 1,000 live births.

$$\frac{\text{neonatal deaths}}{\text{live births}} \times 1,000$$

MATERNAL MORTALITY RATE - number of maternal deaths per 10,000 live births.

$$\frac{\text{maternal deaths}}{\text{live births}} \times 10,000$$

STILLBIRTH RATIO - number of stillbirths per 1,000 live births.

$$\frac{\text{stillbirths}}{\text{live births}} \times 1,000$$

MARRIAGE RATE - number of marriages per 1,000 population.

$$\frac{\text{marriages}}{\text{total population}} \times 1,000$$

DIVORCE AND ANNULMENT RATE - number of divorces and annulments per 1,000 population.

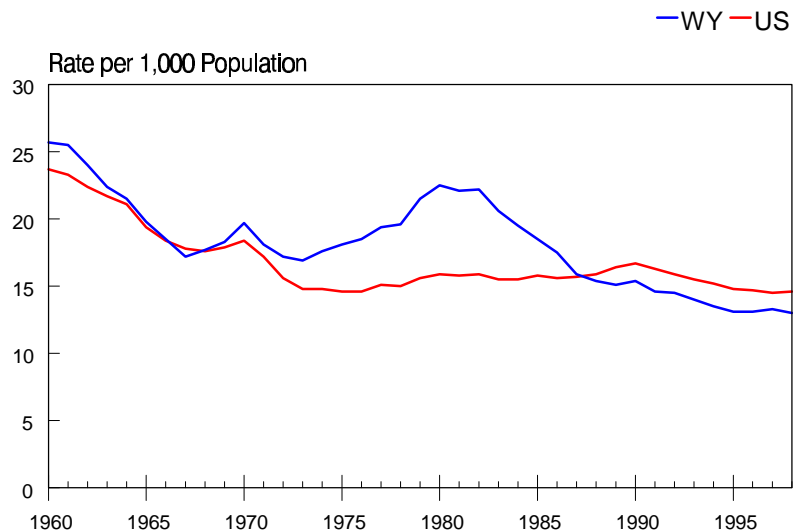
$$\frac{\text{divorces \& annulments}}{\text{total population}} \times 1,000$$

SUMMARY

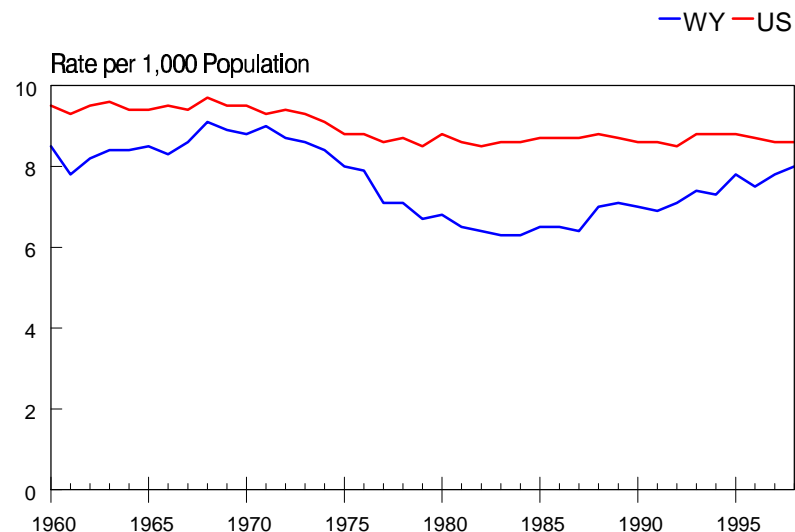
SUMMARY

<i>BIRTHS</i>	Wyoming's birth rate fell to a record low of 13.0 births per 1,000 population in 1998. There were 6,248 resident births, down from 6,372 in 1997.
<i>TEEN BIRTHS</i>	The number of births to teen-age mothers rose from 903 in 1997 to 1,014 in 1998. The birth rate for women 15 to 19 increased from 43.0 births per 1,000 females in that age group to 47.8.
<i>UNMARRIED MOTHERS</i>	There was a steep increase in the percentage of birth to unmarried mothers. It rose from 27.4% in 1997 to 29.6% in 1998.
<i>LOW BIRTHWEIGHT</i>	Infants weighing less than 2500 grams made up 8.9% of the state's births, down from a high of 9.0% in 1997. Since 1986, the state rate of low birthweight has risen by 31%.
<i>DEATHS</i>	The number of resident deaths posted another record high in 1998. It rose from 3,740 to 3,847. The crude death rate was 8.0 deaths per 1,000 population, up from 7.8 in 1997.
<i>LEADING CAUSES</i>	State age adjusted death rates exceeded national rates for six of the ten leading causes of death. The state rate for suicide exceeded the national by 66%; chronic liver disease and cirrhosis, 54%; unintentional injuries, 51%; chronic obstructive pulmonary, 31%; Alzheimer's disease, 26%; cerebrovascular disease, 6%.
<i>INFANT DEATHS</i>	The infant mortality rate increased from 5.8 infant deaths per 1,000 live births to 7.0. This was entirely due to an increase in the number of neonatal deaths.
<i>MARRIAGES</i>	The number of marriages performed in the state decreased for the third consecutive year. There were 4,788 marriages performed. The marriage rate was 10.0 marriages per 1,000 population.
<i>DIVORCES</i>	The number of divorces and annulments fell from 2,965 to 2,809. The divorce rate was 5.8 per 1,000 population, 38% higher than the national rate.

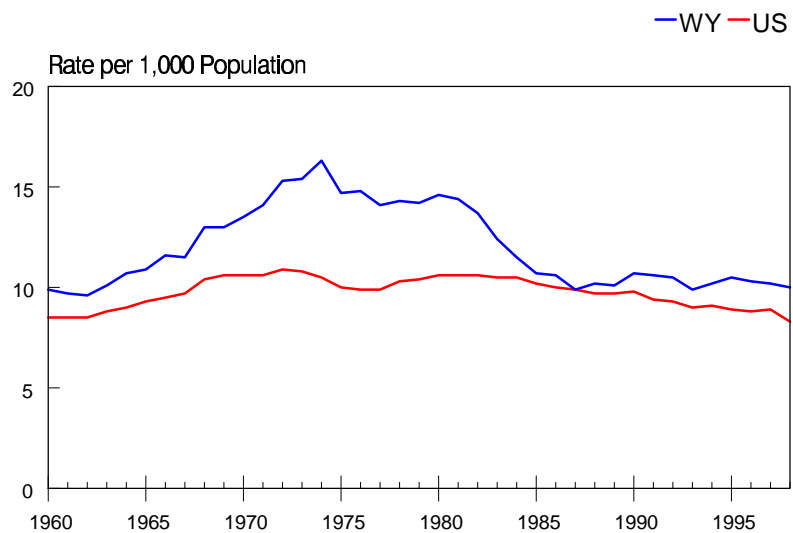
BIRTH



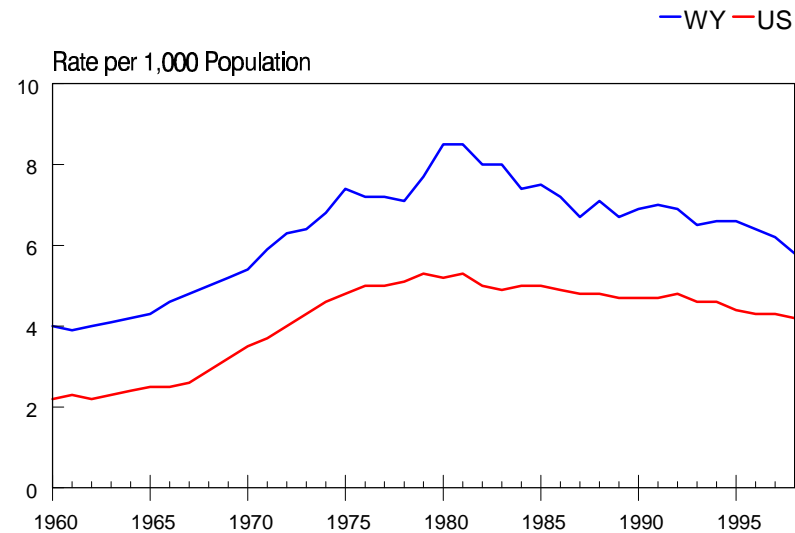
DEATH



MARRIAGE



DIVORCE



**BIRTHS, DEATHS, MARRIAGES,
AND DIVORCES BY COUNTY
WYOMING, 1998**

County	Births		Deaths		Marriages		Divorces	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Wyoming	6,248	13.0	3,847	8.0	4,788	10.0	2,809	5.8
Albany	355	12.2	184	6.3	230	7.9	156	5.3
Big Horn	145	12.7	136	12.0	68	6.0	30	2.6
Campbell	479	14.8	135	4.2	285	8.8	215	6.6
Carbon	187	12.0	146	9.4	142	9.1	62	4.0
Converse	134	10.9	86	7.0	117	9.5	51	4.1
Crook	62	10.6	55	9.4	42	7.2	24	4.1
Fremont	505	14.0	342	9.5	324	9.0	183	5.1
Goshen	154	12.0	134	10.4	132	10.2	70	5.4
Hot Springs	51	10.8	60	12.7	71	15.0	36	7.6
Johnson	53	7.8	84	12.3	55	8.1	25	3.7
Laramie	1,111	14.1	621	7.9	786	10.0	531	6.7
Lincoln	174	12.5	87	6.3	85	6.1	61	4.4
Natrona	833	13.2	513	8.1	582	9.2	432	6.8
Niobrara	25	9.2	24	8.9	30	11.1	11	4.1
Park	309	12.0	212	8.2	243	9.4	135	5.2
Platte	94	10.9	104	12.1	76	8.8	59	6.8
Sheridan	261	10.4	322	12.8	267	10.6	152	6.0
Sublette	57	9.9	52	9.1	69	12.0	30	5.2
Sweetwater	587	14.8	240	6.0	289	7.3	259	6.5
Teton	162	11.4	62	4.4	531	37.5	79	5.6
Uinta	325	15.9	84	4.1	193	9.4	132	6.5
Washakie	100	11.5	95	11.0	81	9.3	45	5.2
Weston	77	11.9	69	10.7	62	9.6	31	4.8
Yellowstone NP	8	--	-	--	28	--	-	--

Note: Tabulated by county of residence for births and deaths and by county of occurrence for marriages and divorces.

**BIRTHS, DEATHS, INFANT DEATHS, STILLBIRTHS, AND MATERNAL DEATHS
WYOMING, 1922 - 1998**

Year	Estimated Population	Births		Deaths		Infant Deaths		Stillbirths		Maternal Deaths	
		Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1922	207,677	5,188	25.0	1,930	9.3	408	78.6	180	34.7	N/A	N/A
1923	211,459	4,950	23.4	2,180	10.3	394	79.6	165	33.3	36	72.7
1924	215,011	5,226	24.3	2,063	9.6	336	64.3	180	34.4	51	97.6
1925	215,991	4,833	22.4	1,896	8.8	309	63.9	146	30.2	46	95.2
1926	217,152	4,388	20.2	1,902	8.8	333	75.9	137	31.2	41	93.4
1927	218,949	4,472	20.4	1,976	9.0	308	68.9	131	29.3	39	87.2
1928	220,455	4,496	20.4	2,155	9.8	305	67.8	128	28.5	29	64.5
1929	223,427	4,424	19.8	2,010	9.0	311	70.3	100	22.6	28	63.3
1930	225,940	4,471	19.8	2,079	9.2	310	69.3	134	30.0	41	91.7
1931	227,783	4,504	19.8	2,035	8.9	301	66.8	117	26.0	38	84.4
1932	228,498	4,249	18.6	2,057	9.0	242	57.0	112	26.4	28	65.9
1933	228,863	4,207	18.4	1,975	8.6	230	54.7	84	20.0	24	57.0
1934	231,046	4,565	19.8	2,096	9.1	242	53.0	89	19.5	28	61.3
1935	234,690	4,362	18.6	2,284	9.7	223	51.1	86	19.7	18	41.3
1936	237,639	4,753	20.0	2,401	10.1	274	57.6	68	14.3	24	50.5
1937	241,614	4,530	18.7	2,430	10.1	252	55.6	96	21.2	17	37.5
1938	244,926	4,946	20.2	2,235	9.1	256	51.8	92	18.6	15	30.3
1939	247,524	4,897	19.8	2,207	8.9	223	45.5	86	17.6	17	34.7
1940	250,742	5,060	20.2	2,141	8.5	237	46.8	101	20.0	22	43.5
1941	247,000	5,185	21.0	2,205	8.9	227	43.8	111	21.4	12	23.1
1942	251,000	5,437	21.7	2,134	8.5	249	45.8	105	19.3	13	23.9
1943	247,000	5,688	23.0	2,227	9.0	213	37.4	117	20.6	9	15.8
1944	242,000	5,612	23.2	2,251	9.3	220	39.2	101	18.0	9	16.0
1945	239,000	5,339	22.3	2,206	9.2	217	40.6	91	17.0	7	13.1
1946	254,000	6,188	24.4	2,135	8.4	205	33.1	110	17.8	10	16.2
1947	258,000	7,320	28.4	2,349	9.1	249	34.0	144	19.7	6	8.2
1948	269,000	7,418	27.6	2,385	8.9	293	39.5	124	16.7	8	10.8
1949	277,000	7,490	27.0	2,385	8.6	280	37.4	124	16.6	3	4.0
1950	292,000	7,606	26.0	2,336	8.0	247	32.5	146	19.2	9	11.8
1951	293,000	8,048	27.5	2,346	8.0	233	29.0	122	15.2	6	7.5
1952	297,000	8,116	27.3	2,503	8.4	262	32.3	116	14.3	2	2.5
1953	295,000	8,760	29.7	2,349	8.0	243	27.7	131	15.0	3	3.4
1954	300,000	8,938	29.8	2,419	8.1	270	30.2	106	11.9	2	2.2
1955	315,000	8,610	27.3	2,453	7.8	242	28.1	108	12.5	4	4.6
1956	321,000	8,389	26.1	2,533	7.9	231	27.5	109	13.0	2	2.4
1957	323,000	8,270	25.6	2,598	8.0	217	26.2	127	15.4	1	1.2
1958	322,000	8,098	25.1	2,528	7.9	225	27.8	125	15.4	3	3.7
1959	325,000	8,189	25.2	2,623	8.1	221	27.0	118	14.4	2	2.4
1960	330,066	8,499	25.7	2,792	8.5	238	28.0	95	11.2	2	2.4
1961	336,000	8,560	25.5	2,635	7.8	230	26.9	111	13.0	1	1.2
1962	332,000	7,984	24.0	2,738	8.2	243	30.4	85	10.6	3	3.8
1963	335,000	7,494	22.4	2,817	8.4	217	29.0	97	12.9	2	2.7
1964	338,000	7,252	21.5	2,842	8.4	209	28.8	91	12.5	2	2.8

Year	Estimated Population	Births		Deaths		Infant Deaths		Stillbirths		Maternal Deaths	
		Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1965	330,000	6,534	19.8	2,802	8.5	146	22.3	86	13.2	1	1.5
1966	319,000	5,898	18.5	2,655	8.3	142	24.1	76	12.9	1	1.7
1967	322,000	5,540	17.2	2,763	8.6	130	23.5	83	15.0	4	7.2
1968	324,000	5,750	17.7	2,958	9.1	123	21.4	87	15.1	2	3.5
1969	329,000	6,033	18.3	2,934	8.9	165	27.3	97	16.1	-	-
1970	332,416	6,535	19.7	2,927	8.8	131	20.0	82	12.5	1	1.5
1971	339,284	6,156	18.1	3,048	9.0	152	24.7	72	11.7	-	-
1972	350,112	6,011	17.2	3,038	8.7	131	21.8	65	10.8	1	1.7
1973	358,318	6,059	16.9	3,066	8.6	113	18.6	57	9.4	2	3.3
1974	371,630	6,536	17.6	3,133	8.4	106	16.2	79	12.1	-	-
1975	383,644	6,938	18.1	3,072	8.0	120	17.3	75	10.8	2	2.9
1976	397,965	7,367	18.5	3,158	7.9	121	16.4	65	8.8	1	1.4
1977	427,130	8,276	19.4	3,017	7.1	115	13.9	74	8.9	4	4.8
1978	440,878	8,652	19.6	3,112	7.1	113	13.1	67	7.7	3	3.5
1979	454,949	9,768	21.5	3,063	6.7	129	13.2	65	6.7	-	-
1980	469,557	10,546	22.5	3,215	6.8	104	9.9	81	7.7	1	0.9
1981	490,046	10,839	22.1	3,162	6.5	121	11.2	93	8.6	1	0.9
1982	497,297	11,053	22.2	3,183	6.4	109	9.9	92	8.3	1	0.9
1983	498,175	10,254	20.6	3,155	6.3	101	9.8	72	7.0	-	-
1984	500,943	9,753	19.5	3,180	6.3	108	11.1	73	7.5	1	1.0
1985	504,740	9,358	18.5	3,286	6.5	114	12.2	64	6.8	2	2.1
1986	492,191	8,633	17.5	3,217	6.5	94	10.9	59	6.8	-	-
1987	475,191	7,538	15.9	3,038	6.4	69	9.2	57	7.6	2	2.7
1988	463,792	7,163	15.4	3,245	7.0	64	8.9	49	6.8	1	1.4
1989	455,890	6,893	15.1	3,249	7.1	65	9.4	57	8.3	-	-
1990	453,589	6,974	15.4	3,194	7.0	60	8.6	49	7.0	-	-
1991	457,768	6,691	14.6	3,152	6.9	52	7.8	55	8.2	-	-
1992	463,519	6,720	14.5	3,295	7.1	61	9.1	44	6.5	-	-
1993	469,065	6,550	14.0	3,488	7.4	52	7.9	40	6.1	1	1.5
1994	474,894	6,427	13.5	3,481	7.3	44	6.8	39	6.1	-	-
1995	478,364	6,261	13.1	3,720	7.8	48	7.7	34	5.4	-	-
1996	480,060	6,286	13.1	3,604	7.5	40	6.4	48	7.6	-	-
1997	480,043	6,372	13.3	3,740	7.8	37	5.8	27	4.2	-	-
1998	480,907	6,248	13.0	3,847	8.0	44	7.0	24	3.8	-	-

Notes: Data for 1922-1945 is by place of occurrence, 1946-1998 is by place of residence.

Birth and death rates are per 1,000 population.

Infant mortality rates and stillbirth ratios are per 1,000 live births.

Maternal death rates are per 10,000 live births.

Population figures for years ending with a zero are census enumerations.

NATALITY

NATALITY

The number of births to Wyoming residents continued a long term declining trend in 1998. There were 6,248 resident births. This was 1.9% less than in 1997, and the lowest number recorded in the past 25 years. Resident births decreased in 16 of the state's 23 counties during the year. Laramie (-66), Albany (-32) and Teton (-25) counties posted the largest numerical decreases. Carbon (+32), Sweetwater (+32) and Fremont (+18) counties recorded the largest increases.

Due to the decline in the number of births and a slight increase in the estimated population for the state, the crude birth rate decreased by 2.3%. There were 13.0 births per 1,000 population in 1998, compared to 13.3 in 1997. This was a record low rate for the state. Nationally the crude birth rate increased slightly from a record low of 14.5 in 1997 to 14.6 in 1998.

Crude birth rates were highest for residents of Uinta (15.9), Campbell (14.8) and Sweetwater (14.8) counties. Rates were lowest for residents of Johnson (7.8), Niobrara (9.2) and Sublette (9.9) counties.

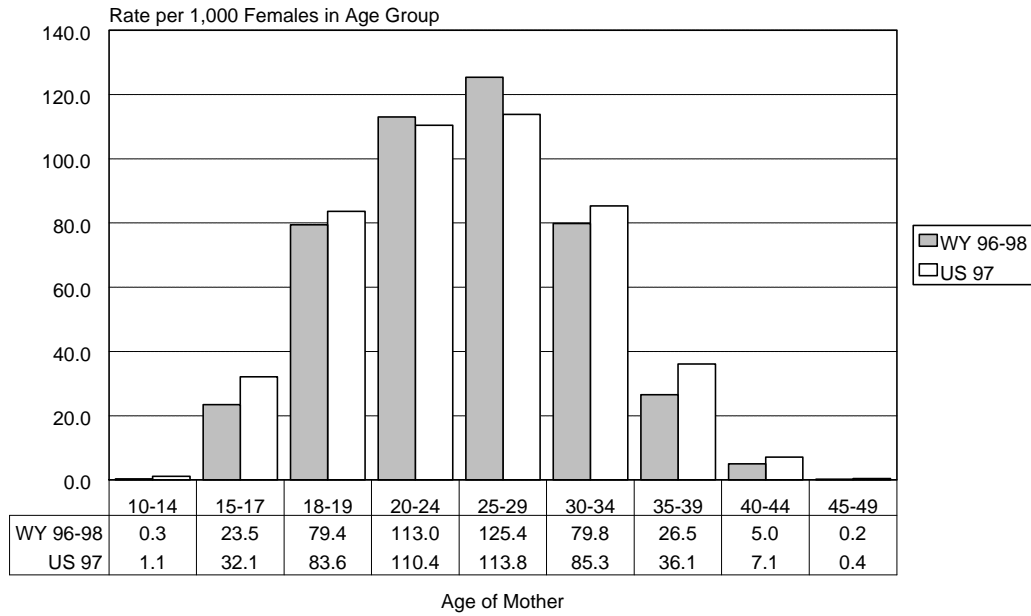
The state's general fertility rate fell from 61.3 births per 1,000 women aged 15 to 44 to 60.9. This was 7.2% below the U.S. fertility rate of 65.6.

AGE OF MOTHER The median age of mothers giving birth in the state fell from 25.8 years in 1997 to 25.5 in 1998. This was the lowest median age since 1984.

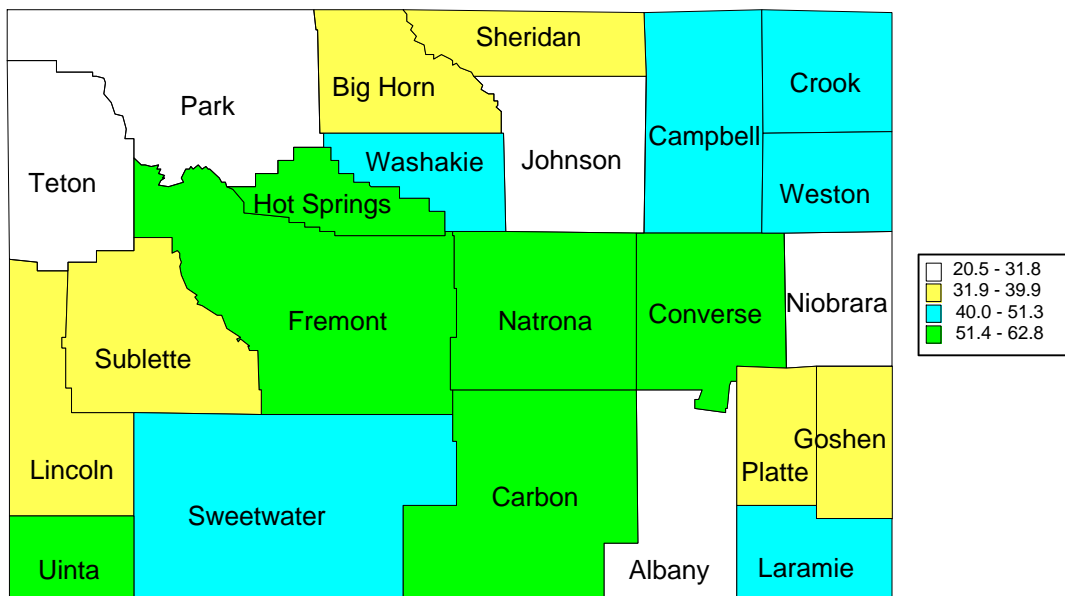
Births to teen-age mothers increased from 903 in 1997 to 1,014 in 1998. The entire increase occurred in births to mothers from 18 to 19 years old. These births rose from 597 in 1997 to 713 in 1998. The birth rate of women 15 to 19 years old rose from 43.0 births per 1,000 female population to 47.8, reversing a trend that began in 1991. The national birth rate for this age group continued to decrease, falling from 52.3 to 51.1.

The following chart compares age specific birth rates for Wyoming women for 1996 through 1998 to rates for U.S. women in 1997. Wyoming's rates exceeded U.S. rates for women in their twenties. National rates were higher than state rates for both teens and older mothers.

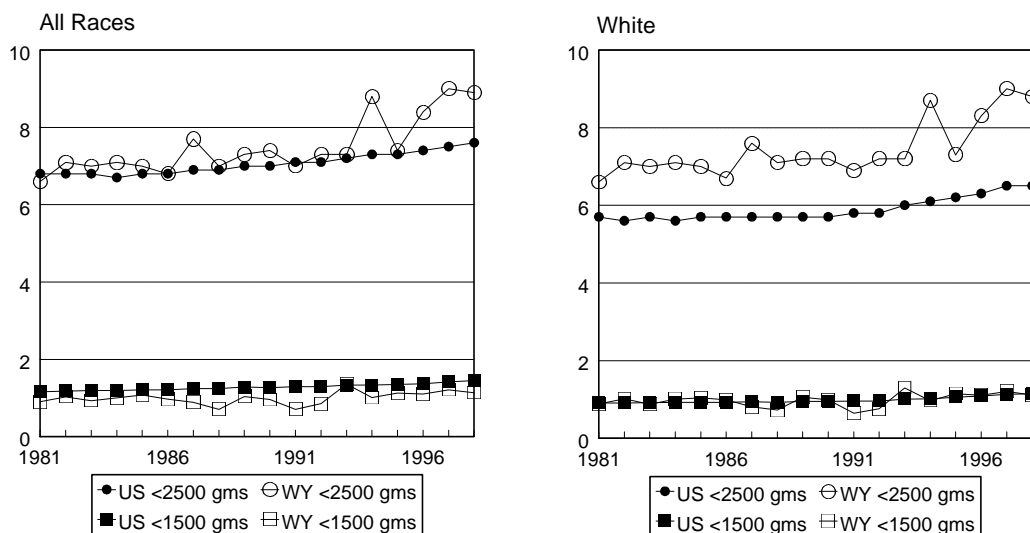
AGE SPECIFIC BIRTH RATES
WYOMING 1996 - 1998, U.S. 1997



BIRTH RATES FOR WOMEN 15 TO 19
BY COUNTY OF RESIDENCE, WYOMING 1994 - 1998



**PERCENTAGE OF LOW BIRTHWEIGHT AND VERY LOW BIRTHWEIGHT
BY RACE OF MOTHER, WYOMING AND U.S., 1981 - 1998**



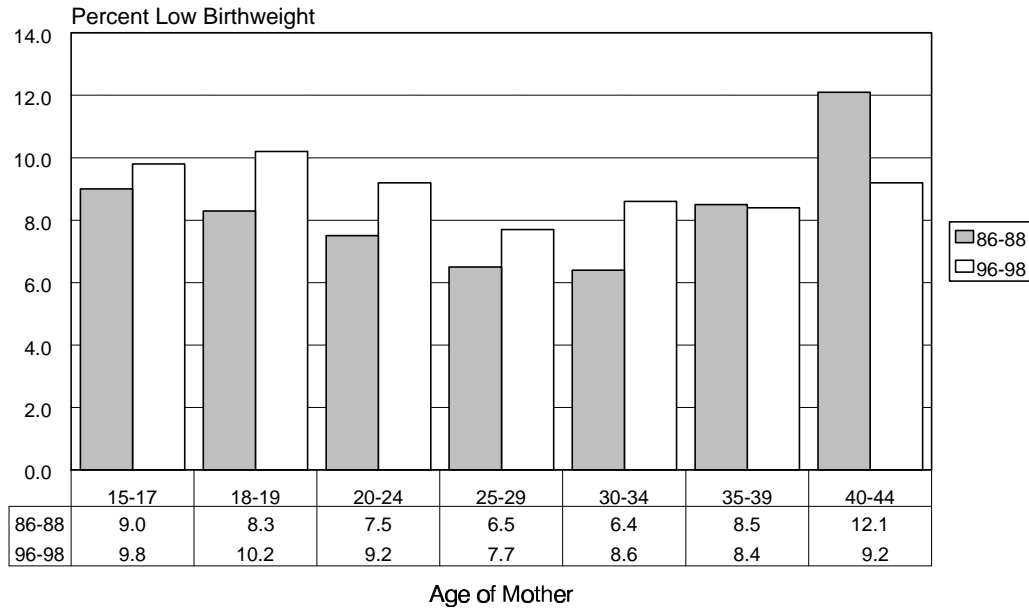
The U.S. percentages for 1998 are preliminary.

LOW BIRTHWEIGHT The number of infants born weighing less than 2500 grams fell from 572 in 1997 to 555 in 1998. The incidence of low birthweight fell from 9.0% to 8.9%. Nationally, the level of low birthweight increased from 7.5% to 7.6%, the highest percentage since 1972.

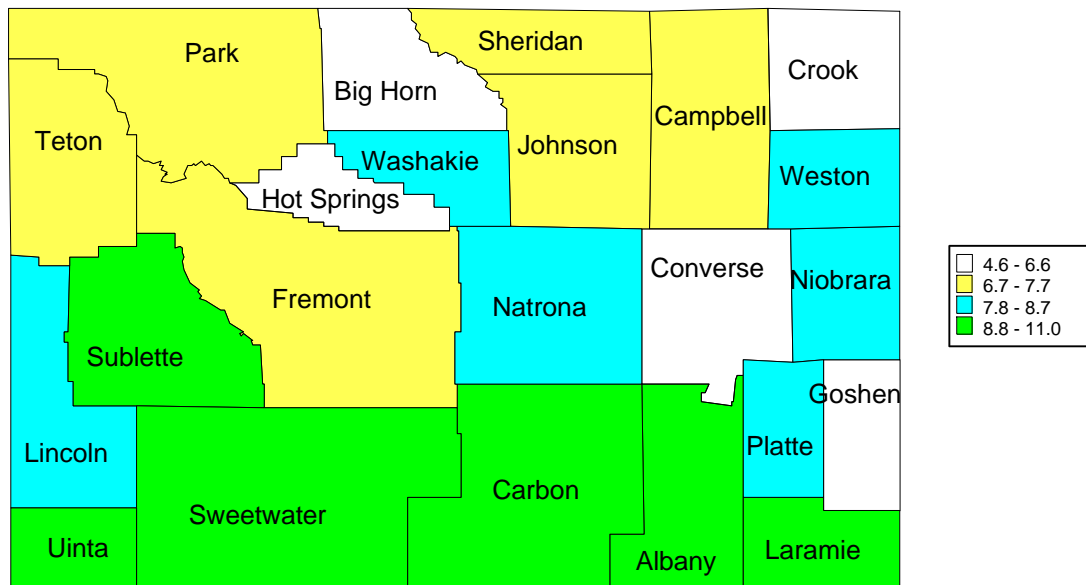
Since 1986, both state and national low birthweight rates have been rising. The state rate has risen by 31% over this time period, while the national rate went up by 12%. Much of the increase nationally is due to larger numbers of multiple births, which are more likely to be born low weight. The national low birthweight rate for single births has increased by 4%. Multiple births have played less of a role in Wyoming's increase. Wyoming's rate for single births has risen by 25%.

The following chart compares low birthweight percentages by age of mother for the three years from 1986 through 1988 with those from 1996 through 1998. The overall percentage of low birthweight was 7.1% for 1986 through 1988, rising to 8.8% for 1996 through 1998. Low birthweight percentages rose for mothers in all age groups under the age of 35.

**LOW BIRTHWEIGHT BY AGE OF MOTHER
WYOMING, 1986 - 1988, 1996 - 1998**



**PERCENTAGE OF LOW WEIGHT BIRTHS
BY COUNTY OF RESIDENCE, WYOMING 1994 - 1998**



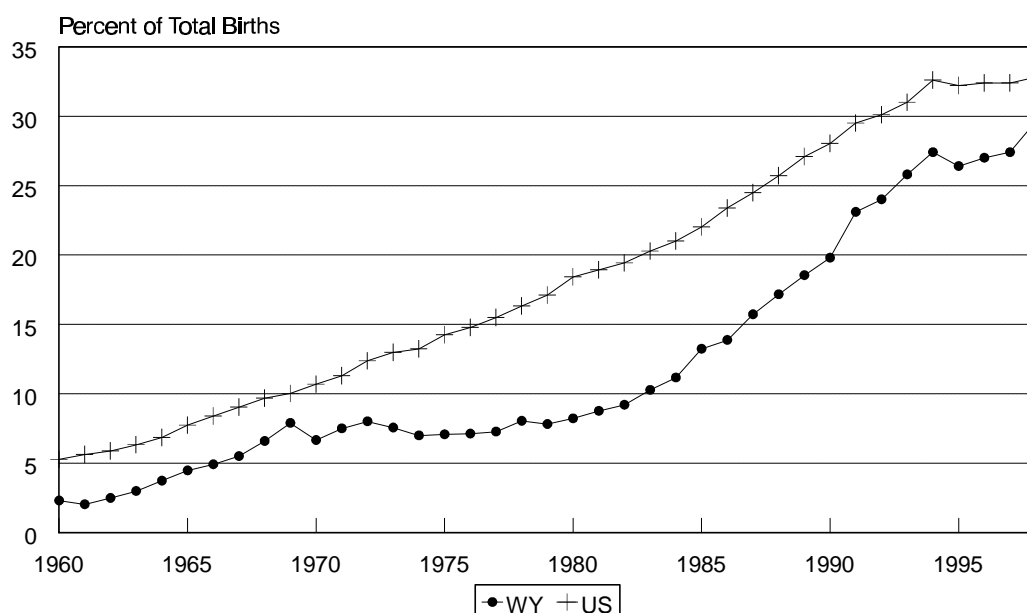
In 1998, there were 71 births of infants weighing less than 1500 grams (very low birthweight). This was 1.14% of the total births, down from 1.21% in 1997. The comparable rate for the U.S. was 1.45%.

MARITAL STATUS The proportion of all births occurring to unmarried women increased sharply from 27.4% in 1997 to 29.6% in 1998. Percentages increased for women in all age groups except the 18 to 19 year olds. Births to single mothers accounted for 69% of the births to teens; 35% of the births to women between the ages of 20 and 24; 17% of the births to women 25 to 29 years old; and 12% of the births to women 30 and older.

Fremont (43.6) and Natrona (35.2) counties had significantly higher percentages of births to unmarried women than the state as a whole. Big Horn (15.2), Lincoln (17.8), Teton (19.8), and Washakie (20.0) counties had significantly lower percentages.

National data for 1998 shows only a slight increase in the percentage of births to unmarried mothers from 32.4% to 32.8%. Although the national percentage for all mothers is still above the state's percentage, Wyoming's percentage for white mothers was 27.9% compared to 26.3% for white mothers in the U.S. as a whole.

BIRTHS TO UNMARRIED MOTHERS WYOMING AND U.S., 1960-1998



The U.S. percentage for 1998 is preliminary.

PRENATAL CARE The percentage of Wyoming resident mothers receiving early prenatal care (care beginning in the first trimester of pregnancy) fell from 82.5% in 1997 to 81.4% in 1998. This was the lowest level since 1993. Nationally, first trimester care has risen steadily throughout the 1990's. In 1998, it reached 82.8%.

There were 255 women in the state who either delayed obtaining care until the third trimester or who received no care at all. This was 4.1% of the total births, up from 3.7% in 1997. Nationally, 3.9% of women were in this category.

An alternative method of measuring prenatal care utilization has been developed. It is the Adequacy of Prenatal Care Utilization Index (APNCU)¹, which classifies care as intensive, adequate, intermediate or inadequate. This index compares the actual number of prenatal visits to an expected number of visits based on the recommendations of the American College of Obstetricians and Gynecologists, adjusted for the month prenatal care began and the gestational age at delivery. The various classifications are defined as follows:

Inadequate - care begun after the fourth month or less than 50% of recommended visits

Intermediate - care begun by the fourth month and 50-79% of recommended visits

Adequate - care begun by the fourth month and 80-109% of recommended visits

Intensive - care begun by the fourth month and 110% or more of recommended visits

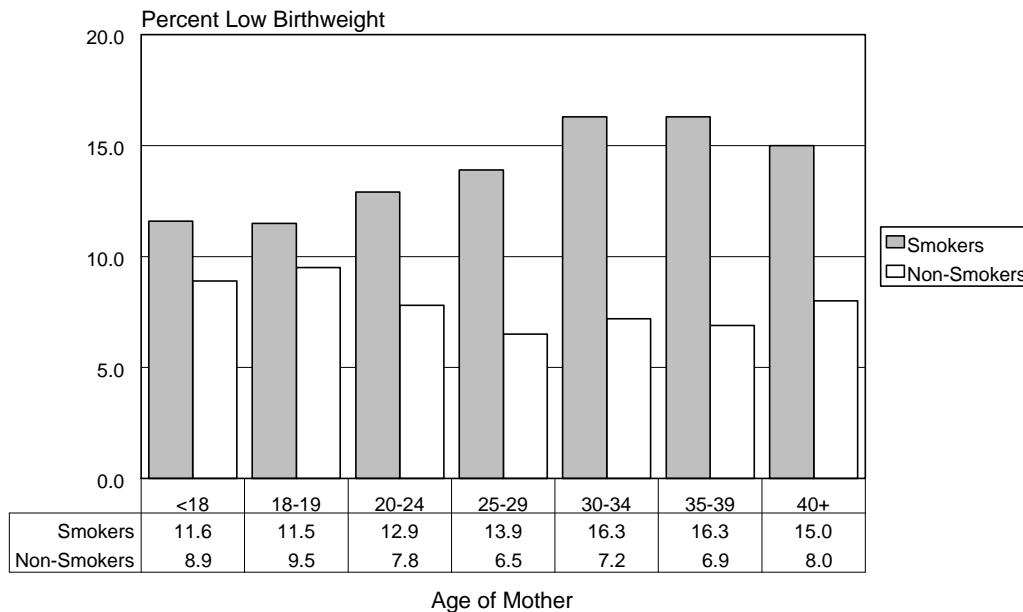
Using this index Wyoming's rate of adequate care was 6 percent below that for the U.S., while the state's rates of intermediate and inadequate care were 9 to 10 percent higher than the U.S.

**ADEQUACY OF PRENATAL CARE UTILIZATION INDEX
WYOMING and U.S., 1998**

	Intensive Use	Adequate	Intermediate	Inadequate or No Care
WY	30.9	40.8	15.2	13.0
US	31.0	43.3	13.8	11.9

¹Kotelchuck M. An evaluation of the Kessner adequacy of prenatal care index and a proposed adequacy of prenatal care utilization index. Am J Public Health 84(9):1414-20. 1994.

**LOW BIRTHWEIGHT BY SMOKING STATUS AND AGE OF MOTHER
WYOMING RESIDENTS, 1996 - 1998**



TOBACCO USE Smoking during pregnancy increased substantially in 1998. Smoking was reported by 22.5% of the women giving birth, up from 20.4% the previous year and the highest percentage since 1992. Smoking rates increased for mothers in all age groups except the 30 to 34 age group. Nationally, smoking during pregnancy has consistently declined. Only 12.9% of women giving birth in the U.S. reported smoking during pregnancy in 1998, down by 34% since 1989.

Smoking rates varied with a woman's age, education, race and ethnic origin. Smoking was most common in women 18 to 19 years old, 34.8%. Mothers from 30 to 34 smoked least, 13.1%. Only 2.6% of mothers with 16 or more years of education smoked, compared to 44.7% of those with 9 to 11 years of education. American Indian mothers were more likely to smoke than other racial groups, 39.3% smoked. Hispanic mothers were less likely to smoke than non-Hispanics, 14.0% compared to 23.4%.

Infants born to mothers who smoke have a greater risk of low birthweight. In 1998, 13.3% of infants born to smokers weighed less than 2500 grams, compared to 7.6% of infants born to non smokers. The average birthweight of infants born to smokers was 213 grams less than that of infants born to non smokers.

The preceding chart demonstrates the impact of smoking on birthweight for mothers of different ages. Smoking appears to pose a greater risk of low birthweight for infants born to older mothers.

METHOD OF DELIVERY In 1998, 18.8% of Wyoming resident births were delivered by cesarean section, unchanged from the previous year. The rate of c-section delivery for the U.S. increased from 20.8% in 1997 to 21.2% in 1998.

Cesarean rates varied by age of mother with younger women having lower rates. Only 14.8% of the births to mothers from 15 to 19 years old were delivered by c-section, while 31.5% of the births of mothers 40 and older were.

Primary c-sections accounted for 788 of the 1,172 births delivered by c-section. The state primary c-section rate increased from 13.4 to 13.8 c-sections per 100 births to women who had not had a previous cesarean delivery. The comparable rate for the nation was 14.9.

There were 171 vaginal births to women with a previous cesarean delivery. The rate for vaginal births after a previous cesarean (VBAC) was 30.8 per 100 births to women with a previous cesarean delivery. This was down from a high of 34.3 in 1996. The VBAC rate for the U.S. as a whole was 26.3.

PLACE OF BIRTH AND ATTENDANT AT BIRTH Of the 5,834 births that took place in the state, only 56 were not delivered in a hospital. Physicians delivered 5,642 of the infants born in the state, certified nurse midwives delivered 135, and lay midwives delivered 32.

RESIDENCE AND OCCURRENCE In 1998, 514 Wyoming residents gave birth in other states. Laramie (93), Uinta (90), Goshen (54) and Sweetwater (48) counties had the largest numbers of residents give birth in other states. The majority of these births took place in the surrounding states of Colorado (180), Utah (158), Nebraska (60), South Dakota (54), and Montana (29).

Only 100 residents of other states gave birth in Wyoming. Teton County had the largest number of births to residents of other states with 20.

**BIRTHS AND RATES
BY COUNTY OF RESIDENCE
WYOMING, 1994 - 1998**

Residence	1994		1995		1996		1997		1998	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
U.S. Rate	--	15.2	--	14.8	--	14.7	--	14.5	--	14.6
Wyoming	6,427	13.5	6,261	13.1	6,286	13.1	6,372	13.3	6,248	13.0
Albany	405	13.1	391	12.7	396	13.0	387	13.0	355	12.2
Big Horn	149	13.7	151	13.6	152	13.6	150	13.5	145	12.7
Campbell	432	14.0	435	13.8	426	13.3	466	14.5	479	14.8
Carbon	180	11.2	190	11.8	189	11.9	155	9.8	187	12.0
Converse	157	13.5	167	14.0	147	12.1	156	12.7	134	10.9
Crook	69	12.3	70	12.4	72	12.5	50	8.6	62	10.6
Fremont	473	13.5	461	12.9	460	12.8	487	13.5	505	14.0
Goshen	124	9.8	142	11.2	148	11.6	155	12.0	154	12.0
Hot Springs	42	9.0	47	10.2	36	7.8	44	9.4	51	10.8
Johnson	85	13.1	80	12.1	73	10.9	75	11.1	53	7.8
Laramie	1,194	15.3	1,134	14.5	1,161	14.7	1,177	15.0	1,111	14.1
Lincoln	184	13.5	188	13.5	198	14.2	184	13.3	174	12.5
Natrona	950	14.9	898	14.1	887	13.9	845	13.3	833	13.2
Niobrara	34	13.4	23	8.8	36	13.6	26	9.8	25	9.2
Park	270	10.8	281	11.1	277	10.9	310	12.1	309	12.0
Platte	93	11.2	84	10.1	86	10.2	97	11.3	94	10.9
Sheridan	276	11.2	259	10.4	276	11.0	285	11.3	261	10.4
Sublette	78	14.5	74	13.5	55	9.9	65	11.5	57	9.9
Sweetwater	560	13.8	522	12.8	522	13.0	555	14.0	587	14.8
Teton	192	14.7	173	13.0	164	12.1	187	13.5	162	11.4
Uinta	312	15.5	331	16.4	338	16.7	346	17.0	325	15.9
Washakie	91	10.7	96	11.2	97	11.4	103	12.0	100	11.5
Weston	74	11.3	57	8.7	83	12.6	64	9.8	77	11.9
Yellowstone NP	3	--	7	--	7	--	3	--	8	--

**BIRTHS BY SEX, RACE OF MOTHER, ORIGIN OF MOTHER,
AND COUNTY OF RESIDENCE
WYOMING, 1998**

Residence	Total	Sex		Race of Mother					Hispanic Origin ¹
		Male	Female	White	Black	Indian	Other	Unknown	
Wyoming	6,248	3,245	3,003	5,873	51	269	49	6	587
Albany	355	191	164	339	3	8	5	-	37
Big Horn	145	66	79	141	-	3	1	-	13
Campbell	479	244	235	467	-	10	2	-	17
Carbon	187	100	87	184	-	2	1	-	37
Converse	134	75	59	131	-	3	-	-	9
Crook	62	36	26	61	-	-	1	-	-
Fremont	505	264	241	309	4	187	4	1	28
Goshen	154	83	71	151	-	3	-	-	24
Hot Springs	51	28	23	48	-	2	1	-	5
Johnson	53	25	28	53	-	-	-	-	4
Laramie	1,111	563	548	1,050	34	12	14	1	158
Lincoln	174	84	90	174	-	-	-	-	8
Natrona	833	446	387	803	6	15	9	-	71
Niobrara	25	15	10	25	-	-	-	-	-
Park	309	152	157	302	-	6	-	1	17
Platte	94	47	47	93	-	1	-	-	10
Sheridan	261	130	131	254	-	2	4	1	6
Sublette	57	32	25	56	-	1	-	-	1
Sweetwater	587	307	280	575	4	6	2	-	63
Teton	162	83	79	158	-	2	1	1	26
Uinta	325	177	148	320	-	2	3	-	25
Washakie	100	48	52	98	-	-	1	1	23
Weston	77	45	32	73	-	4	-	-	5
Yellowstone NP	8	4	4	8	-	-	-	-	-

¹Included in appropriate race totals.

**BIRTHS BY AGE, RACE, AND ORIGIN OF MOTHER
AND COUNTY OF RESIDENCE
WYOMING, 1998**

	Total	Age of Mother										
		<15	15-19			20-24	25-29	30-34	35-39	40-44	45+	Not Stated
			Total	15-17	18-19							
Wyoming	6,248	8	1,006	293	713	1,931	1,757	989	465	87	5	-
Race												
White	5,873	7	921	264	657	1,812	1,665	941	439	83	5	-
Black	51	-	12	3	9	20	10	7	2	-	-	-
Am Indian	269	1	68	26	42	84	70	27	15	4	-	-
Other	49	-	4	-	4	13	11	14	7	-	-	-
Unknown	6	-	1	-	1	2	1	-	2	-	-	-
Hispanic Origin ¹	587	1	140	49	91	211	154	57	21	3	-	-
Residence												
Albany	355	1	34	11	23	113	112	67	24	4	-	-
Big Horn	145	-	16	-	16	40	39	32	14	4	-	-
Campbell	479	-	76	20	56	161	132	64	37	9	-	-
Carbon	187	-	38	10	28	63	52	24	10	-	-	-
Converse	134	1	26	6	20	36	37	20	10	4	-	-
Crook	62	-	9	2	7	21	14	11	5	2	-	-
Fremont	505	1	98	37	61	154	139	70	35	8	-	-
Goshen	154	-	25	10	15	45	54	20	9	-	1	-
Hot Springs	51	-	11	2	9	13	20	4	2	1	-	-
Johnson	53	-	5	1	4	18	12	11	6	-	1	-
Laramie	1,111	2	171	51	120	334	331	198	65	9	1	-
Lincoln	174	-	29	10	19	46	44	28	21	5	1	-
Natrona	833	1	153	49	104	261	231	132	48	7	-	-
Niobrara	25	-	3	1	2	8	8	3	3	-	-	-
Park	309	-	30	5	25	97	92	54	30	6	-	-
Platte	94	-	11	4	7	29	29	16	7	2	-	-
Sheridan	261	1	41	6	35	74	74	41	21	9	-	-
Sublette	57	-	10	2	8	21	12	7	7	-	-	-
Sweetwater	587	-	116	29	87	210	156	69	31	5	-	-
Teton	162	-	11	2	9	30	37	45	31	7	1	-
Uinta	325	1	64	22	42	96	85	47	30	2	-	-
Washakie	100	-	16	7	9	32	24	15	12	1	-	-
Weston	77	-	13	6	7	29	21	8	6	-	-	-
Yellowstone NP	8	-	-	-	-	-	2	3	1	2	-	-

¹Included in appropriate race totals.

**BIRTHS TO UNMARRIED MOTHERS BY AGE, RACE, AND
ORIGIN OF MOTHER, AND COUNTY OF RESIDENCE
WYOMING, 1998**

	Total	Age of Mother										
		<15	15-19			20-24	25-29	30-34	35-39	40-44	45+	Not Stated
			Total	15-17	18-19							
Wyoming	1,848	8	691	249	442	681	290	106	59	10	3	-
Race												
White	1,639	7	617	222	395	610	254	88	53	7	3	-
Black	24	-	10	3	7	10	2	1	1	-	-	-
Indian	176	1	63	24	39	57	31	16	5	3	-	-
Other	8	-	1	-	1	3	3	1	-	-	-	-
Unknown	1	-	-	-	-	1	-	-	-	-	-	-
Hispanic Origin ¹	249	1	96	38	58	97	39	12	4	-	-	-
Residence												
Albany	85	1	29	11	18	35	10	7	1	2	-	-
Big Horn	22	-	8	-	8	7	3	2	1	1	-	-
Campbell	148	-	45	16	29	63	22	9	9	-	-	-
Carbon	65	-	26	8	18	24	11	1	3	-	-	-
Converse	40	1	17	4	13	15	4	2	1	-	-	-
Crook	15	-	6	2	4	6	1	1	1	-	-	-
Fremont	220	1	78	32	46	75	41	14	8	3	-	-
Goshen	41	-	15	8	7	15	8	2	-	-	1	-
Hot Springs	16	-	6	2	4	4	3	1	1	1	-	-
Johnson	11	-	4	-	4	5	-	2	-	-	-	-
Laramie	302	2	127	50	77	91	55	20	5	1	1	-
Lincoln	31	-	15	8	7	10	4	-	1	1	-	-
Natrona	293	1	110	43	67	112	49	12	9	-	-	-
Niobrara	9	-	2	1	1	6	1	-	-	-	-	-
Park	77	-	19	3	16	38	14	6	-	-	-	-
Platte	19	-	6	3	3	10	1	1	1	-	-	-
Sheridan	77	1	26	3	23	34	12	3	1	-	-	-
Sublette	18	-	10	2	8	6	2	-	-	-	-	-
Sweetwater	196	-	76	24	52	77	25	13	5	-	-	-
Teton	32	-	5	-	5	11	6	3	5	1	1	-
Uinta	88	1	43	19	24	19	14	4	7	-	-	-
Washakie	20	-	7	4	3	10	1	2	-	-	-	-
Weston	23	-	11	6	5	8	3	1	-	-	-	-
Yellowstone NP	-	-	-	-	-	-	-	-	-	-	-	-

¹Included in appropriate race totals.

**LOW WEIGHT BIRTHS
BY COUNTY OF RESIDENCE
WYOMING, 1994 - 1998**

Residence	1994		1995		1996		1997		1998		1994-1998
	No.	Percent	No.	Percent	No.	Percent	No.	Percent	No.	Percent	Percent
U.S. Percent	--	7.3	--	7.3	--	7.4	--	7.5	--	7.6	7.4
Wyoming	565	8.8	464	7.4	530	8.4	572	9.0	555	8.9	8.5
Albany	36	8.9	37	9.5	41	10.4	44	11.4	44	12.4	10.4
Big Horn	14	9.4	7	4.6	7	4.6	10	6.7	11	7.6	6.6
Campbell	37	8.6	33	7.6	26	6.1	40	8.6	35	7.3	7.6
Carbon	17	9.4	15	7.9	14	7.4	17	11.0	17	9.1	8.9
Converse	9	5.7	20	12.0	5	3.4	6	3.8	9	6.7	6.4
Crook	1	1.4	5	7.1	2	2.8	3	6.0	4	6.5	4.6
Fremont	33	7.0	25	5.4	44	9.6	35	7.2	47	9.3	7.7
Goshen	7	5.6	15	10.6	8	5.4	7	4.5	8	5.2	6.2
Hot Springs	4	9.5	4	8.5	1	2.8	2	4.5	2	3.9	5.9
Johnson	9	10.6	3	3.8	6	8.2	6	8.0	2	3.8	7.1
Laramie	130	10.9	83	7.3	126	10.9	139	11.8	103	9.3	10.1
Lincoln	15	8.2	15	8.0	17	8.6	16	8.7	15	8.6	8.4
Natrona	79	8.3	69	7.7	70	7.9	71	8.4	61	7.3	7.9
Niobrara	2	5.9	1	4.3	6	16.7	2	7.7	1	4.0	8.3
Park	19	7.0	8	2.8	24	8.7	29	9.4	31	10.0	7.7
Platte	13	14.0	5	6.0	6	7.0	9	9.3	5	5.3	8.4
Sheridan	18	6.5	20	7.7	15	5.4	20	7.0	20	7.7	6.9
Sublette	10	12.8	7	9.5	4	7.3	4	6.2	7	12.3	9.7
Sweetwater	51	9.1	43	8.2	44	8.4	42	7.6	61	10.4	8.8
Teton	16	8.3	7	4.0	11	6.7	14	7.5	17	10.5	7.4
Uinta	31	9.9	31	9.4	37	10.9	45	13.0	37	11.4	11.0
Washakie	8	8.8	6	6.3	8	8.2	5	4.9	12	12.0	8.0
Weston	6	8.1	5	8.8	8	9.6	6	9.4	6	7.8	8.7
Yellowstone NP	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	0.0

Note: Low weight births are those weighing less than 2500 grams.

**LOW WEIGHT BIRTHS BY AGE OF MOTHER,
AND COUNTY OF RESIDENCE
WYOMING, 1998**

Residence	Total	Age of Mother										
		<15	15-19			20-24	25-29	30-34	35-39	40-44	45+	Not Stated
			Total	15-17	18-19							
Wyoming	555	2	106	30	76	187	127	79	45	9	-	-
Albany	44	-	7	1	6	12	14	8	3	-	-	-
Big Horn	11	-	-	-	-	4	1	3	1	2	-	-
Campbell	35	-	7	3	4	10	6	8	1	3	-	-
Carbon	17	-	4	1	3	5	5	2	1	-	-	-
Converse	9	-	2	1	1	2	2	-	3	-	-	-
Crook	4	-	-	-	-	-	1	2	1	-	-	-
Fremont	47	1	9	3	6	17	12	3	4	1	-	-
Goshen	8	-	3	1	2	1	3	1	-	-	-	-
Hot Springs	2	-	2	-	2	-	-	-	-	-	-	-
Johnson	2	-	-	-	-	1	-	-	1	-	-	-
Laramie	103	-	19	9	10	32	28	18	6	-	-	-
Lincoln	15	-	4	-	4	4	2	4	-	1	-	-
Natrona	61	-	11	2	9	24	18	4	4	-	-	-
Niobrara	1	-	-	-	-	1	-	-	-	-	-	-
Park	31	-	3	2	1	12	9	5	2	-	-	-
Platte	5	-	1	-	1	3	-	1	-	-	-	-
Sheridan	20	-	5	-	5	10	3	2	-	-	-	-
Sublette	7	-	1	-	1	5	-	-	1	-	-	-
Sweetwater	61	-	10	5	5	26	15	9	1	-	-	-
Teton	17	-	3	-	3	4	1	-	7	2	-	-
Uinta	37	1	10	1	9	11	5	6	4	-	-	-
Washakie	12	-	4	1	3	1	1	1	5	-	-	-
Weston	6	-	1	-	1	2	1	2	-	-	-	-
Yellowstone NP	-	-	-	-	-	-	-	-	-	-	-	-

Note: Low weight births are those weighing less than 2500 grams.

**BIRTHS BY WEIGHT AT BIRTH
BY COUNTY OF RESIDENCE
WYOMING, 1998**

Residence	Total	Low Weight ¹		Weight in Grams							
		Number	Percent	Under 500	500- 999	1000- 1499	1500- 1999	2000- 2499	2500- 4499	4500+	Unknown
Wyoming	6,248	555	8.9	11	16	44	106	378	5,651	39	3
Albany	355	44	12.4	-	3	1	5	35	310	1	-
Big Horn	145	11	7.6	-	1	3	3	4	129	5	-
Campbell	479	35	7.3	-	-	5	7	23	443	1	-
Carbon	187	17	9.1	-	-	2	6	9	170	-	-
Converse	134	9	6.7	-	-	2	1	6	123	2	-
Crook	62	4	6.5	-	-	-	3	1	58	-	-
Fremont	505	47	9.3	4	-	5	9	29	451	6	1
Goshen	154	8	5.2	-	1	-	2	5	145	1	-
Hot Springs	51	2	3.9	-	-	-	2	-	47	2	-
Johnson	53	2	3.8	-	-	-	-	2	51	-	-
Laramie	1,111	103	9.3	2	5	3	15	78	1,007	-	1
Lincoln	174	15	8.6	-	-	3	3	9	158	1	-
Natrona	833	61	7.3	-	1	10	11	39	769	3	-
Niobrara	25	1	4.0	-	-	-	1	-	23	1	-
Park	309	31	10.0	1	1	3	4	22	275	3	-
Platte	94	5	5.3	-	-	-	-	5	89	-	-
Sheridan	261	20	7.7	-	1	-	2	17	236	4	1
Sublette	57	7	12.3	-	1	3	1	2	50	-	-
Sweetwater	587	61	10.4	2	2	1	18	38	523	3	-
Teton	162	17	10.5	-	-	-	4	13	142	3	-
Uinta	325	37	11.4	1	-	3	7	26	287	1	-
Washakie	100	12	12.0	1	-	-	2	9	87	1	-
Weston	77	6	7.8	-	-	-	-	6	70	1	-
Yellowstone NP	8	-	0.0	-	-	-	-	-	8	-	-

¹Low weight births are those weighing less than 2500 grams.

**BIRTHS BY LIVE BIRTH ORDER
BY COUNTY OF RESIDENCE
WYOMING, 1998**

Residence	Total	Live Birth Order						
		1st	2nd	3rd	4th	5th	6th & Over	Unknown
Wyoming	6,248	2,610	1,988	978	399	162	110	1
Albany	355	175	114	46	13	5	2	-
Big Horn	145	39	53	28	11	5	9	-
Campbell	479	196	142	89	38	9	5	-
Carbon	187	71	67	23	21	3	2	-
Converse	134	57	40	21	14	1	1	-
Crook	62	28	22	4	2	3	3	-
Fremont	505	202	133	85	53	15	17	-
Goshen	154	58	47	31	9	6	3	-
Hot Springs	51	22	15	6	5	3	-	-
Johnson	53	20	18	13	1	-	1	-
Laramie	1,111	475	387	151	57	32	8	1
Lincoln	174	60	39	30	21	10	14	-
Natrona	833	370	248	131	50	23	11	-
Niobrara	25	10	7	6	-	2	-	-
Park	309	115	117	43	20	7	7	-
Platte	94	36	29	17	2	6	4	-
Sheridan	261	105	86	42	15	4	9	-
Sublette	57	29	19	7	2	-	-	-
Sweetwater	587	266	180	98	29	9	5	-
Teton	162	75	57	20	6	4	-	-
Uinta	325	128	101	57	19	12	8	-
Washakie	100	37	39	16	4	3	1	-
Weston	77	32	25	14	6	-	-	-
Yellowstone NP	8	4	3	-	1	-	-	-

**BIRTHS BY AGE OF MOTHER
BY LIVE BIRTH ORDER
WYOMING, 1998**

Age of Mother	Total	Live Birth Order						
		1st	2nd	3rd	4th	5th	6th & Over	Unknown
Total	6,248	2,610	1,988	978	399	162	110	1
Under 15	8	8	-	-	-	-	-	-
15-19	1,006	824	166	14	2	-	-	-
15-17	293	278	15	-	-	-	-	-
18-19	713	546	151	14	2	-	-	-
20-24	1,931	892	717	262	49	8	3	-
25-29	1,757	548	611	376	161	44	17	-
30-34	989	243	341	220	107	52	26	-
35-39	465	81	133	93	65	46	46	1
40-44	87	13	19	12	15	11	17	-
45+	5	1	1	1	-	1	1	-
Not Stated	-	-	-	-	-	-	-	-

**BIRTHS BY ONE-MINUTE
BY FIVE-MINUTE APGAR SCORE
WYOMING, 1998**

[illegible]

**BIRTHS BY TRIMESTER PRENATAL CARE BEGAN
BY COUNTY OF RESIDENCE
WYOMING, 1998**

Residence	Total	Trimester Prenatal Care Began				
		1st	2nd	3rd	No Care	Not Stated
Wyoming	6,248	5,059	904	175	80	30
Albany	355	305	41	5	4	-
Big Horn	145	122	21	1	1	-
Campbell	479	406	64	5	4	-
Carbon	187	149	32	3	2	1
Converse	134	96	30	4	4	-
Crook	62	56	4	2	-	-
Fremont	505	378	86	27	11	3
Goshen	154	116	34	2	2	-
Hot Springs	51	44	7	-	-	-
Johnson	53	46	6	-	1	-
Laramie	1,111	878	163	43	11	16
Lincoln	174	149	21	1	3	-
Natrona	833	708	86	21	18	-
Niobrara	25	21	4	-	-	-
Park	309	245	48	11	4	1
Platte	94	73	16	2	3	-
Sheridan	261	221	34	4	2	-
Sublette	57	45	11	1	-	-
Sweetwater	587	441	120	21	1	4
Teton	162	144	9	6	3	-
Uinta	325	265	40	10	5	5
Washakie	100	82	14	3	1	-
Weston	77	61	13	3	-	-
Yellowstone NP	8	8	-	-	-	-

**BIRTHS BY AGE OF MOTHER
BY TRIMESTER PRENATAL CARE BEGAN
WYOMING, 1998**

Age of Mother	Total	Trimester Prenatal Care Began				
		1st	2nd	3rd	No Care	Not Stated
Total	6,248	5,059	904	175	80	30
Under 15	8	3	3	2	-	-
15-19	1,006	710	230	42	18	6
15-17	293	195	73	15	6	4
18-19	713	515	157	27	12	2
20-24	1,931	1,516	317	69	18	11
25-29	1,757	1,503	195	36	15	8
30-34	989	848	101	21	17	2
35-39	465	401	49	4	8	3
40-44	87	74	8	1	4	-
45+	5	4	1	-	-	-
Unknown	-	-	-	-	-	-

**BIRTHS BY EDUCATION OF MOTHER
BY TRIMESTER PRENATAL CARE BEGAN
WYOMING, 1998**

Education in Years	Total	Trimester Prenatal Care Began				
		1st	2nd	3rd	No Care	Not Stated
Total	6,248	5,059	904	175	80	30
0-8	114	78	23	11	2	-
9-11	954	645	231	52	17	9
12	2,189	1,746	348	63	23	9
13-15	1,798	1,521	202	42	26	7
16	702	628	59	4	9	2
17+	466	427	34	-	3	2
Unknown	25	14	7	3	-	1

**ADEQUACY OF PRENATAL CARE UTILIZATION INDEX
BY COUNTY OF RESIDENCE
WYOMING, 1998**

Residence	Total	APNCU Index					
		Intensive	Adequate	Intermediate	Inadequate	No Care	Unknown
Wyoming	6,248	1,918	2,531	942	727	80	50
Albany	355	164	143	19	23	4	2
Big Horn	145	48	60	23	12	1	1
Campbell	479	150	247	34	44	4	-
Carbon	187	47	78	36	23	2	1
Converse	134	43	43	25	19	4	-
Crook	62	18	31	10	3	-	-
Fremont	505	161	188	64	75	11	6
Goshen	154	35	60	34	23	2	-
Hot Springs	51	6	18	21	5	-	1
Johnson	53	16	24	7	5	1	-
Laramie	1,111	311	365	252	151	11	21
Lincoln	174	43	79	33	15	3	1
Natrona	833	136	382	193	102	18	2
Niobrara	25	6	7	8	4	-	-
Park	309	112	125	25	40	4	3
Platte	94	44	25	14	8	3	-
Sheridan	261	138	92	10	18	2	1
Sublette	57	18	26	6	7	-	-
Sweetwater	587	222	246	35	79	1	4
Teton	162	59	75	14	11	3	-
Uinta	325	93	135	48	37	5	7
Washakie	100	29	38	20	12	1	-
Weston	77	18	39	9	11	-	-
Yellowstone NP	8	1	5	2	-	-	-

**BIRTHS BY EDUCATION OF MOTHER
BY COUNTY OF RESIDENCE
WYOMING, 1998**

Residence	Total	Education in Years						
		0-8	9-11	12	13-15	16	17+	Not Stated
Wyoming	6,248	114	954	2,189	1,798	702	466	25
Albany	355	6	25	75	83	86	76	4
Big Horn	145	2	21	38	58	21	5	-
Campbell	479	9	69	187	141	46	25	2
Carbon	187	-	43	74	44	14	11	1
Converse	134	3	20	57	33	13	8	-
Crook	62	-	5	26	18	5	7	1
Fremont	505	11	122	166	137	41	27	1
Goshen	154	3	24	45	49	22	11	-
Hot Springs	51	2	7	24	10	5	3	-
Johnson	53	1	5	18	17	8	4	-
Laramie	1,111	18	141	415	315	137	81	4
Lincoln	174	1	27	78	49	15	3	1
Natrona	833	17	139	285	249	86	54	3
Niobrara	25	-	2	10	8	4	1	-
Park	309	9	37	88	109	38	28	-
Platte	94	3	14	35	23	12	7	-
Sheridan	261	4	41	89	80	28	17	2
Sublette	57	-	8	22	16	4	6	1
Sweetwater	587	10	103	228	181	31	32	2
Teton	162	4	15	33	40	40	28	2
Uinta	325	7	53	132	91	23	18	1
Washakie	100	2	21	36	25	12	4	-
Weston	77	2	12	28	21	7	7	-
Yellowstone NP	8	-	-	-	1	4	3	-

**BIRTHS TO MOTHERS WHO SMOKED DURING PREGNANCY,
BY COUNTY OF RESIDENCE
WYOMING, 1994 - 1998**

Residence	1994	1995	1996	1997	1998	Percent 94-98
Wyoming	1,395	1,239	1,270	1,298	1,402	20.9
Albany	34	43	32	36	33	9.2
Big Horn	28	13	18	34	17	14.7
Campbell	122	115	115	134	136	27.8
Carbon	40	42	39	42	45	23.1
Converse	40	43	37	34	34	24.7
Crook	16	15	9	10	11	18.9
Fremont	114	107	119	108	156	25.3
Goshen	23	24	29	23	27	17.4
Hot Springs	12	8	6	13	12	23.2
Johnson	17	18	18	6	11	19.1
Laramie	211	172	186	213	206	17.1
Lincoln	38	27	23	20	25	14.3
Natrona	252	228	236	225	245	26.9
Niobrara	9	5	7	7	4	22.2
Park	60	36	51	46	63	17.7
Platte	22	14	13	19	28	21.1
Sheridan	55	56	55	59	58	20.9
Sublette	20	16	11	9	17	22.2
Sweetwater	167	136	131	145	155	26.7
Teton	19	19	12	7	12	7.9
Uinta	66	72	86	76	74	22.6
Washakie	13	14	19	13	13	14.8
Weston	17	16	18	19	20	25.4
Yellowstone NP	-	-	-	-	-	0.0

**BIRTHS TO MOTHERS WHO SMOKED DURING PREGNANCY,
BY AGE OF MOTHER AND COUNTY OF RESIDENCE
WYOMING, 1998**

[illegible]

**BIRTHS BY MATERNAL WEIGHT GAIN DURING PREGNANCY
BY COUNTY OF RESIDENCE
WYOMING, 1998**

Residence	Total	Weight Gain in Pounds								
		Under 16	16-20	21-25	26-30	31-35	36-40	41-45	46+	Unknown
Wyoming	6,248	658	568	912	1,115	929	830	435	669	132
Albany	355	27	27	52	78	57	47	24	39	4
Big Horn	145	11	12	17	25	34	19	3	15	9
Campbell	479	42	37	64	76	82	67	38	44	29
Carbon	187	16	22	28	34	30	18	15	22	2
Converse	134	19	11	17	22	17	19	16	12	1
Crook	62	5	5	5	7	14	12	7	5	2
Fremont	505	70	54	72	96	70	58	25	45	15
Goshen	154	19	12	23	28	15	23	5	28	1
Hot Springs	51	-	5	6	13	7	10	3	5	2
Johnson	53	3	1	9	10	10	8	3	9	-
Laramie	1,111	160	108	189	165	148	149	72	100	20
Lincoln	174	16	17	18	26	31	27	13	23	3
Natrona	833	65	95	123	154	126	110	66	87	7
Niobrara	25	1	3	4	6	5	2	1	2	1
Park	309	30	20	54	61	38	37	22	39	8
Platte	94	13	7	12	24	13	8	5	9	3
Sheridan	261	34	26	28	52	32	37	17	32	3
Sublette	57	10	2	4	10	12	10	4	5	-
Sweetwater	587	57	53	73	106	94	74	42	79	9
Teton	162	12	9	28	25	25	30	20	10	3
Uinta	325	32	28	52	59	43	43	23	38	7
Washakie	100	10	9	15	20	13	18	5	10	-
Weston	77	6	5	15	15	12	4	6	11	3
Yellowstone NP	8	-	-	4	3	1	-	-	-	-

**BIRTHS BY METHOD OF DELIVERY
BY COUNTY OF RESIDENCE
WYOMING, 1998**

Residence	Total	Vaginal		Cesarean			Not Stated
		Total	VBAC ¹	Total	Primary	Repeat	
Wyoming	6,248	5,074	171	1,172	788	384	2
Albany	355	290	12	65	43	22	-
Big Horn	145	105	2	40	23	17	-
Campbell	479	403	17	76	54	22	-
Carbon	187	152	5	35	25	10	-
Converse	134	101	2	33	24	9	-
Crook	62	47	1	15	9	6	-
Fremont	505	405	20	100	66	34	-
Goshen	154	133	3	21	18	3	-
Hot Springs	51	37	1	14	10	4	-
Johnson	53	38	2	15	10	5	-
Laramie	1,111	946	27	164	109	55	1
Lincoln	174	137	4	37	21	16	-
Natrona	833	667	22	166	109	57	-
Niobrara	25	20	-	5	4	1	-
Park	309	254	4	55	34	21	-
Platte	94	69	-	25	14	11	-
Sheridan	261	197	7	64	46	18	-
Sublette	57	45	3	12	10	2	-
Sweetwater	587	513	12	74	54	20	-
Teton	162	123	7	39	28	11	-
Uinta	325	258	16	66	46	20	1
Washakie	100	67	3	33	16	17	-
Weston	77	60	1	17	14	3	-
Yellowstone NP	8	7	-	1	1	-	-

¹Vaginal birth after a previous cesarean section.

BIRTHS WITH REPORTED CONGENITAL ANOMALIES
WYOMING RESIDENTS, 1994 - 1998

	1994	1995	1996	1997	1998
Births with one or more anomalies	127	130	130	139	128
Anencephalus	1	-	-	-	-
Spina bifida / Meningocele	2	2	6	3	-
Hydrocephalus	4	-	2	-	4
Microcephalus	1	1	1	1	1
Other central nervous system anomalies	4	3	5	1	1
Heart malformations	11	11	10	15	7
Other circulatory/respiratory anomalies	4	15	13	9	7
Rectal atresia/stenosis	1	2	3	1	2
Tracheo-esophageal fistula/Esophageal atresia	-	2	3	1	2
Omphalocele/Gastroschisis	4	4	4	3	4
Other gastrointestinal anomalies	4	2	9	4	2
Malformed genitalia	7	10	13	18	25
Renal agenesis	1	2	-	-	-
Other urogenital anomalies	14	24	10	11	13
Cleft lip/palate	14	11	6	6	13
Polydactyly/Syndactyly/Adactyly	6	5	5	6	7
Club foot	4	7	5	6	8
Diaphragmatic hernia	2	2	2	2	2
Other musculoskeletal/Integumental anomalies	33	17	28	34	28
Down's syndrome	5	2	6	1	2
Other chromosomal anomalies	2	4	2	5	1
Other	18	23	25	26	22

Note: Columns will not add to total because of births with more than one reported anomaly.

**BIRTHS BY COUNTY OF OCCURRENCE,
ATTENDANT, AND PLACE OF DELIVERY
WYOMING, 1998**

Occurrence	Total	Attendant		Place of Delivery	
		Physician	Other	Hospital	Other
Wyoming	5,834	5,642	192	5,777	57
Albany	396	394	2	394	2
Big Horn	7	-	7	-	7
Campbell	516	514	2	514	2
Carbon	109	108	1	108	1
Converse	74	74	-	74	-
Crook	-	-	-	-	-
Fremont	484	381	103	481	3
Goshen	131	129	2	129	2
Hot Springs	60	60	-	60	-
Johnson	39	39	-	39	-
Laramie	1,060	1,047	13	1,047	13
Lincoln	113	108	5	108	5
Natrona	869	856	13	856	13
Niobrara	-	-	-	-	-
Park	427	426	1	425	2
Platte	81	79	2	79	2
Sheridan	289	289	-	289	-
Sublette	-	-	-	-	-
Sweetwater	538	538	-	538	-
Teton	254	217	37	253	1
Uinta	256	252	4	252	4
Washakie	87	87	-	87	-
Weston	44	44	-	44	-
Yellowstone NP	-	-	-	-	-

**BIRTH TRAVEL PATTERNS
BY COUNTY OF RESIDENCE BY COUNTY OF OCCURRENCE
WYOMING, 1998**

Residence	Total	Occurrence																								
		Albany	Big Horn	Campbell	Carbon	Converse	Crook	Fremont	Goshen	Hot Springs	Johnson	Laramie	Lincoln	Natrona	Niobrara	Park	Platte	Sheridan	Sublette	Sweetwater	Teton	Uinta	Washakie	Weston	Yellowstone	Out of State
Total	--	396	7	516	109	74	-	484	131	60	39	1,060	113	869	-	427	81	289	-	538	254	256	87	44	-	514
Albany	355	324	-	-	-	-	-	-	-	-	-	14	-	-	-	-	1	-	-	-	-	1	-	-	-	15
Big Horn	145	-	6	-	-	-	-	-	-	5	-	-	-	-	-	114	-	-	-	-	-	-	14	-	-	6
Campbell	479	-	-	462	-	-	-	-	1	-	2	-	-	1	-	-	-	2	-	-	-	-	-	-	-	11
Carbon	187	59	-	-	98	-	-	2	-	-	-	2	-	5	-	-	-	-	-	1	-	-	-	-	-	20
Converse	134	-	-	1	-	67	-	1	1	-	-	-	-	46	-	-	13	1	-	-	-	-	-	-	-	4
Crook	62	-	-	26	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	35
Fremont	505	-	-	1	-	-	-	466	-	2	-	1	-	2	-	-	-	1	-	-	4	-	1	-	-	27
Goshen	154	-	-	-	-	-	-	-	97	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	54
Hot Springs	51	-	-	-	-	-	-	6	-	37	-	-	-	-	-	1	-	-	-	-	-	-	4	-	-	3
Johnson	53	-	-	1	-	-	-	-	-	-	33	-	-	-	-	-	-	18	-	-	-	-	-	-	-	1
Laramie	1,111	6	-	-	-	-	-	-	4	-	-	1,005	-	2	-	-	1	-	-	-	-	-	-	-	-	93
Lincoln	174	-	-	-	-	-	-	-	-	-	-	-	106	-	-	-	-	-	-	2	31	13	-	-	-	22
Natrona	833	-	-	4	3	-	-	-	-	-	1	2	-	796	-	-	2	3	-	-	-	-	1	-	-	21
Niobrara	25	-	-	-	-	2	-	-	10	-	-	1	-	6	-	-	2	-	-	-	-	-	-	-	-	4
Park	309	-	-	-	-	-	-	-	-	-	-	-	-	1	-	296	-	-	-	-	-	-	-	-	-	12
Platte	94	-	-	-	-	3	-	1	8	-	-	19	-	1	-	-	61	-	-	-	-	-	-	-	-	1
Sheridan	261	-	-	1	-	-	-	-	-	-	2	-	-	-	-	-	-	251	-	-	-	-	-	-	-	7
Sublette	57	-	-	-	-	-	-	-	-	-	-	-	1	2	-	-	-	-	-	6	41	2	-	-	-	5
Sweetwater	587	1	-	-	6	1	-	3	-	-	-	-	2	1	-	-	-	-	-	515	1	8	1	-	-	48
Teton	162	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	156	-	-	-	-	5
Uinta	325	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	10	-	224	-	-	-	90
Washakie	100	-	-	-	-	-	-	-	-	16	-	-	-	-	-	11	-	-	-	-	1	-	66	-	-	6
Weston	77	1	-	16	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	43	-	16
Yellowstone	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8
Out of State	100	5	1	4	2	1	-	5	10	-	1	13	2	6	-	5	-	12	-	4	20	8	-	1	-	--

Rows - The total indicates the number of births to residents of a particular county. The entries in the row indicate the counties in which these births occurred.

Columns - The total indicates the number of births which occurred in a particular county. The entries in the column indicate the county of residence of the mother.

**BIRTHS BY COUNTY OF RESIDENCE
AND COUNTY OF OCCURRENCE
WYOMING, 1994 - 1998**

County	1994		1995		1996		1997		1998	
	Res	Occ	Res	Occ	Res	Occ	Res	Occ	Res	Occ
Wyoming	6,427	6,064	6,261	5,855	6,286	5,867	6,372	5,984	6,248	5,834
Albany	405	540	391	543	396	516	387	476	355	396
Big Horn	149	5	151	10	152	4	150	1	145	7
Campbell	432	443	435	463	426	450	466	474	479	516
Carbon	180	5	190	4	189	3	155	20	187	109
Converse	157	89	167	57	147	84	156	88	134	74
Crook	69	-	70	-	72	-	50	-	62	-
Fremont	473	454	461	445	460	462	487	478	505	484
Goshen	124	124	142	118	148	144	155	134	154	131
Hot Springs	42	60	47	67	36	54	44	46	51	60
Johnson	85	85	80	80	73	71	75	72	53	39
Laramie	1,194	1,134	1,134	1,064	1,161	1,058	1,177	1,111	1,111	1,060
Lincoln	184	135	188	129	198	136	184	116	174	113
Natrona	950	989	898	961	887	925	845	895	833	869
Niobrara	34	-	23	-	36	-	26	1	25	-
Park	270	407	281	410	277	409	310	444	309	427
Platte	93	105	84	90	86	90	97	100	94	81
Sheridan	276	289	259	272	276	284	285	283	261	289
Sublette	78	5	74	1	55	-	65	1	57	-
Sweetwater	560	553	522	509	522	508	555	526	587	538
Teton	192	281	173	270	164	260	187	286	162	254
Uinta	312	240	331	251	338	268	346	295	325	256
Washakie	91	61	96	69	97	80	103	98	100	87
Weston	74	60	57	41	83	61	64	39	77	44
Yellowstone NP	3	-	7	1	7	-	3	-	8	-

MORTALITY

MORTALITY

The number of Wyoming resident deaths reached a record high in 1998. There were 3,847 resident deaths, 107 more than the previous year. The crude death rate rose from 7.8 deaths per 1,000 population to 8.0. In recent years, the state's crude death rate has been increasing mainly due to the aging of the population. Since 1990, the state's total population has increased by just 6%, but the population 65 and older has risen by 18%. During this time period, there has been little change in the state's age adjusted death rate.

Wyoming's crude death rate is 8% below the preliminary crude rate for the nation of 8.7. When the rates are age adjusted, the state rate is only slightly lower than the national.

The following table compares age and sex specific death rates for Wyoming for 1996 through 1998 to U.S. rates for 1997. For both sexes together, Wyoming's rates exceeded U.S. rates for all age groups between 1 and 34 years, and for those 75 years and older.

AGE SPECIFIC DEATH RATES¹ ***WYOMING RESIDENTS 1996 - 1998, U.S. 1997***

	Total		Male		Female	
	WY	US	WY	US	WY	US
< 1	655.9	738.7	761.2	812.8	545.2	661.1
1-4	41.7	35.8	49.9	39.7	33.0	31.8
5-14	30.2	20.8	37.8	24.0	22.2	17.4
15-24	102.2	86.2	142.4	124.0	59.5	46.3
25-34	135.5	115.0	187.9	160.1	83.9	69.9
35-44	171.6	203.2	220.1	265.7	119.1	141.4
45-54	373.9	430.8	458.9	550.5	286.2	316.1
55-64	882.8	1,063.6	1,082.1	1,336.6	684.0	815.2
65-74	2,444.6	2,509.8	2,954.6	3,191.2	1,971.6	1,959.0
75-84	5,884.4	5,728.2	6,987.8	7,116.1	5,082.8	4,820.5
85+	15,560.7	15,345.2	17,003.5	17,461.9	14,911.4	14,492.3
Total	777.1	864.7	791.2	880.8	762.8	849.2

¹Rates per 100,000 population.

Wyoming's rates for the older age groups were only 1 to 3% above the national, but for those age groups between 1 and 34, the state rates were at least 16% higher than the national.

Age specific death rates for males were higher than those for females across all age groups. The median age at death was 73.0 years for males and 79.9 years for females.

LEADING CAUSES OF DEATH The ten leading causes of death listed below accounted for 81% of the deaths of state residents in 1998. While the ten leading causes have remained the same since 1995, there have been changes in the rankings each year.

Heart disease and cancer have been the first and second leading causes of death in the U.S. and in Wyoming for many years. Nationally, the age adjusted death rate for heart

**TEN LEADING CAUSES OF DEATH
WYOMING RESIDENTS, 1998**

Rank	Cause of Death	Number	WY Crude Rate ¹	U.S. Crude Rate ¹
	All Causes	3,847	799.9	865.0
1	Heart Disease	1,045	217.3	268.0
2	Malignant Neoplasms	845	175.7	199.4
3	Cerebrovascular Disease	290	60.3	58.5
4	Chronic Obstructive Pulmonary Disease	240	49.9	42.3
5	Unintentional Injuries	232	48.2	34.5
	Motor Vehicle Related	136	28.3	15.5
	Other	96	20.0	19.0
6	Pneumonia and Influenza	149	31.0	35.1
7	Diabetes Mellitus	114	23.7	23.9
8	Suicide	86	17.9	10.8
9	Chronic Liver Disease and Cirrhosis	65	13.5	9.2
10	Alzheimer's Disease	43	8.9	8.4
	All Other Causes	738	153.5	174.9

¹Rates per 100,000 population.

disease has been declining for the last fifty years. Since 1990, U.S. rates have decreased by 17%. Wyoming's rate is consistently below the U.S. rate and has exhibited the same trend, declining by 14% since 1990. The state's age adjusted death rate for cancer is also invariably lower than the U.S. rate. Nationally, the cancer death rate began to steadily decrease in 1991. Wyoming's rate increased in 1995, but has registered yearly decreases since that time.

For three of the ten leading causes of death, Wyoming's age adjusted death rates are consistently far above the national rates. In 1998, Wyoming's suicide rate was 66% higher than the national. Wyoming's age adjusted death rate for unintentional injuries was 51% higher than the national, due mainly to the rate from motor vehicle related injuries which was 85% higher than the U.S. Finally, the state's age adjusted death rate for Chronic Obstructive Pulmonary Disease (COPD) exceeded the national by 31%. Because the national COPD death rate has been increasing and the state rate decreased in 1998, this is the closest these rates have been in the past ten years.

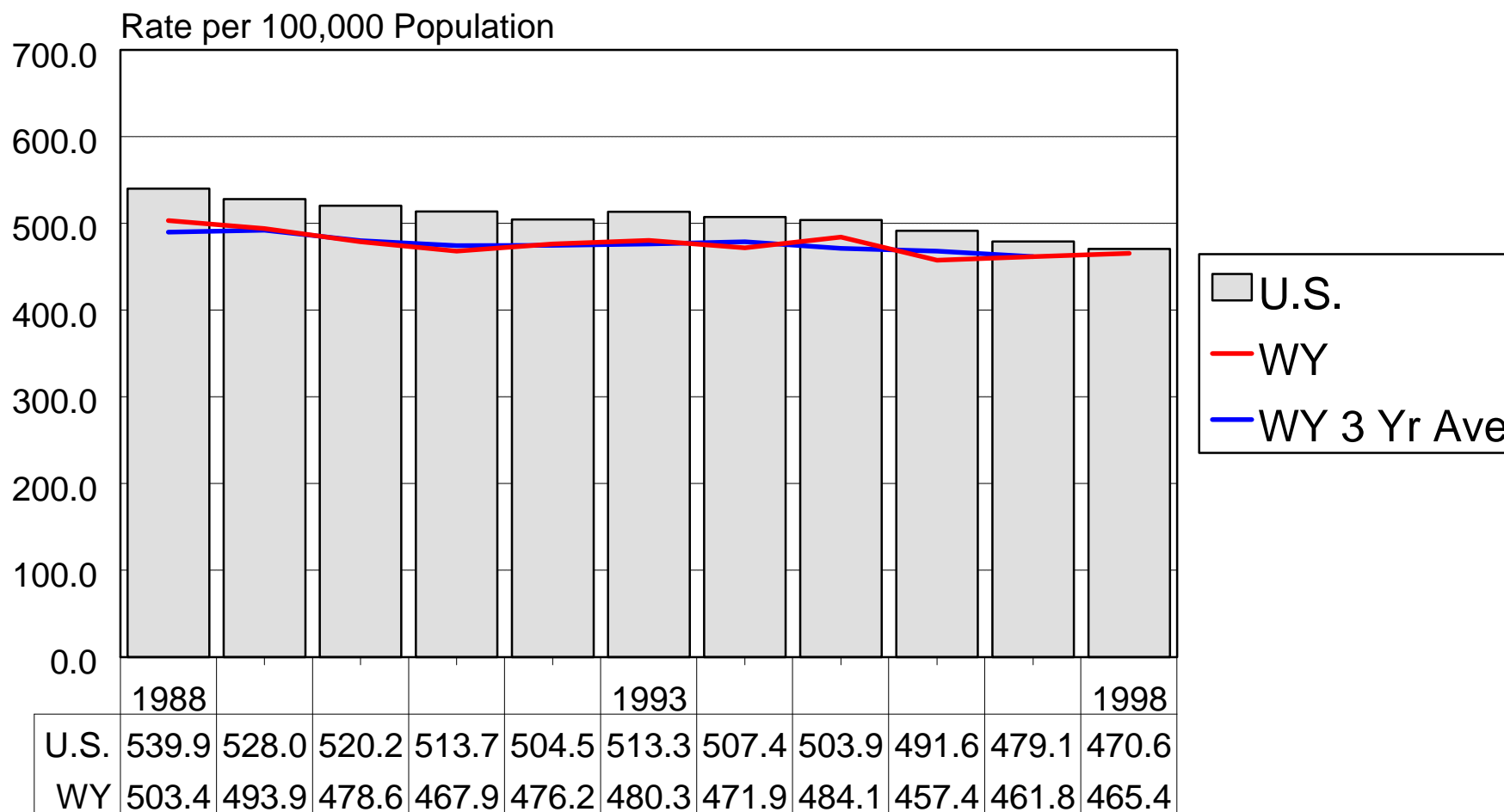
**AGE ADJUSTED DEATH RATES¹ FOR TEN LEADING CAUSES OF DEATH
WYOMING RESIDENTS, 1998**

Rank ²	Cause of Death	WY	U.S.
	All Causes	465.4	470.6
1	Heart Disease	111.4	126.0
2	Malignant Neoplasms	112.3	122.9
3	Cerebrovascular Disease	26.5	25.0
4	Chronic Obstructive Pulmonary Disease	28.4	21.6
5	Unintentional Injuries	42.9	28.5
	Motor Vehicle Related	27.8	15.0
	Other	15.1	13.5
6	Pneumonia and Influenza	13.0	13.5
7	Diabetes Mellitus	12.9	13.6
8	Suicide	16.6	10.0
9	Chronic Liver Disease and Cirrhosis	10.9	7.1
10	Alzheimer's Disease	3.4	2.7

¹Rates per 100,000 population. Rates were age adjusted by the direct method, using the 1940 U.S. population as the standard.

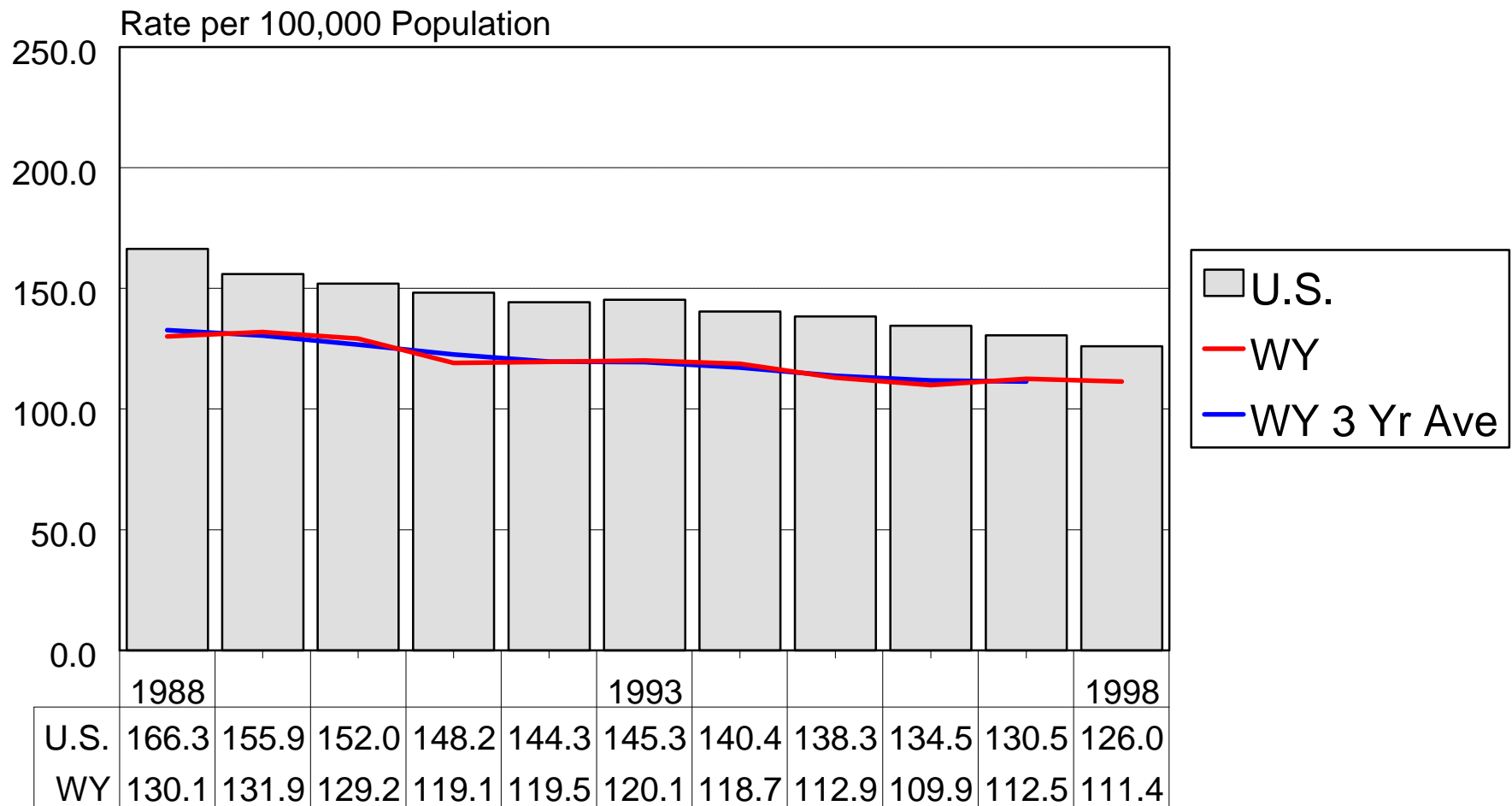
²Rank is based on the number of deaths.

AGE ADJUSTED DEATH RATES WYOMING & U.S., 1988 - 1998



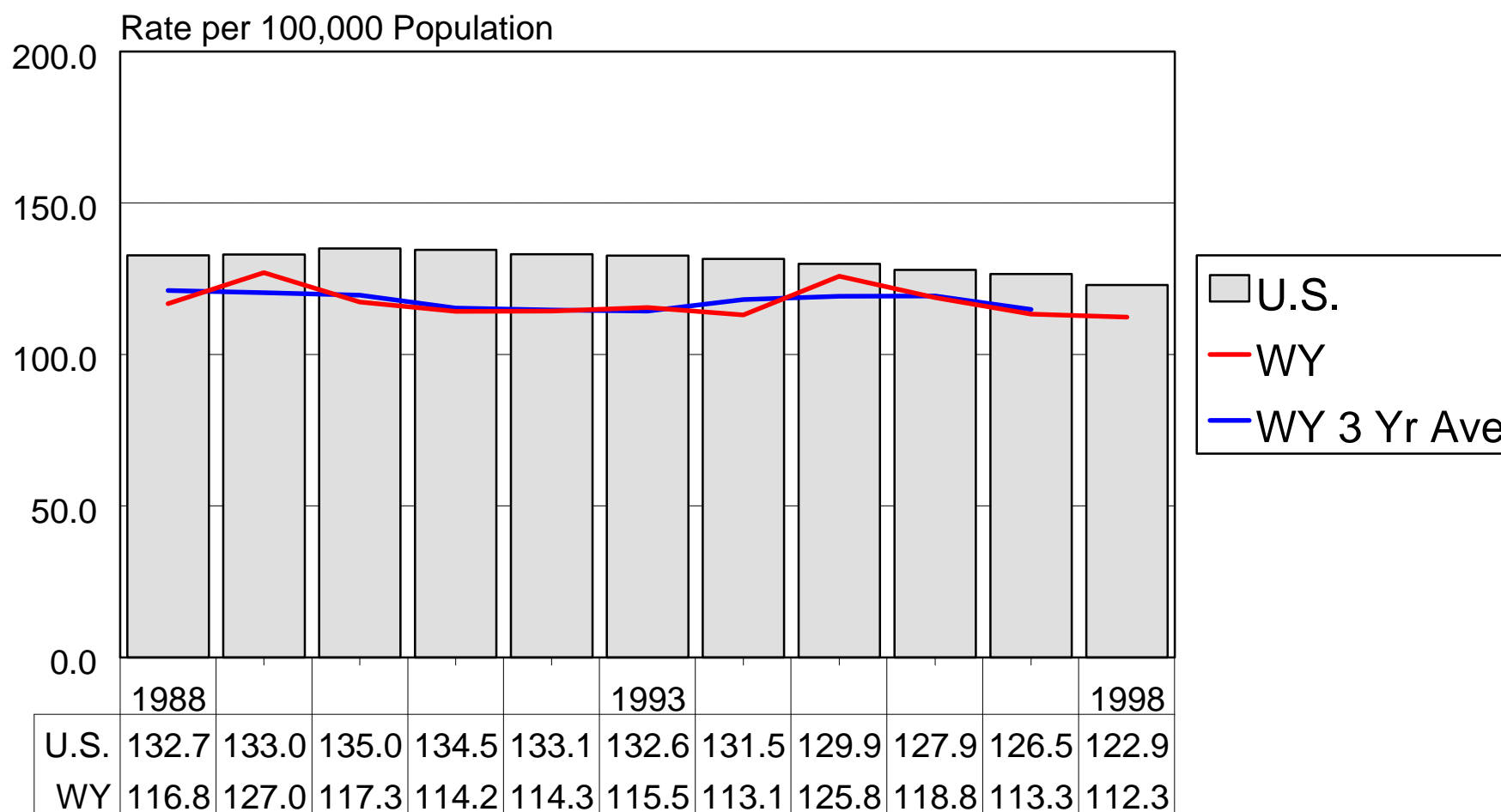
Rates were adjusted by the direct method, using the 1940 U.S. population as the standard.

AGE ADJUSTED DEATH RATES FOR HEART DISEASE WYOMING & U.S., 1988 - 1998



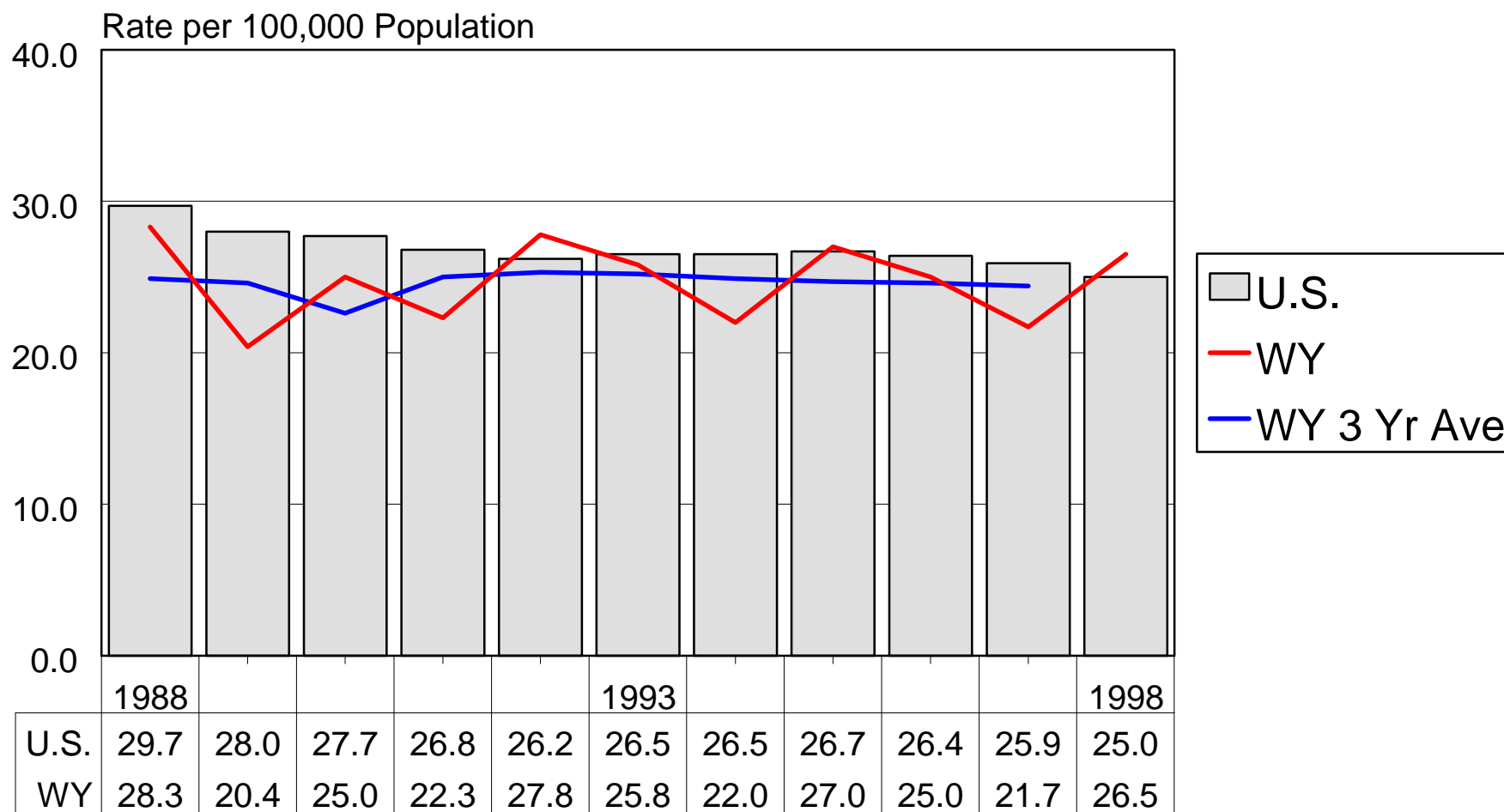
Rates were adjusted by the direct method, using the 1940 U.S. population as the standard.

AGE ADJUSTED DEATH RATES FOR MALIGNANT NEOPLASMS WYOMING & U.S., 1988 - 1998



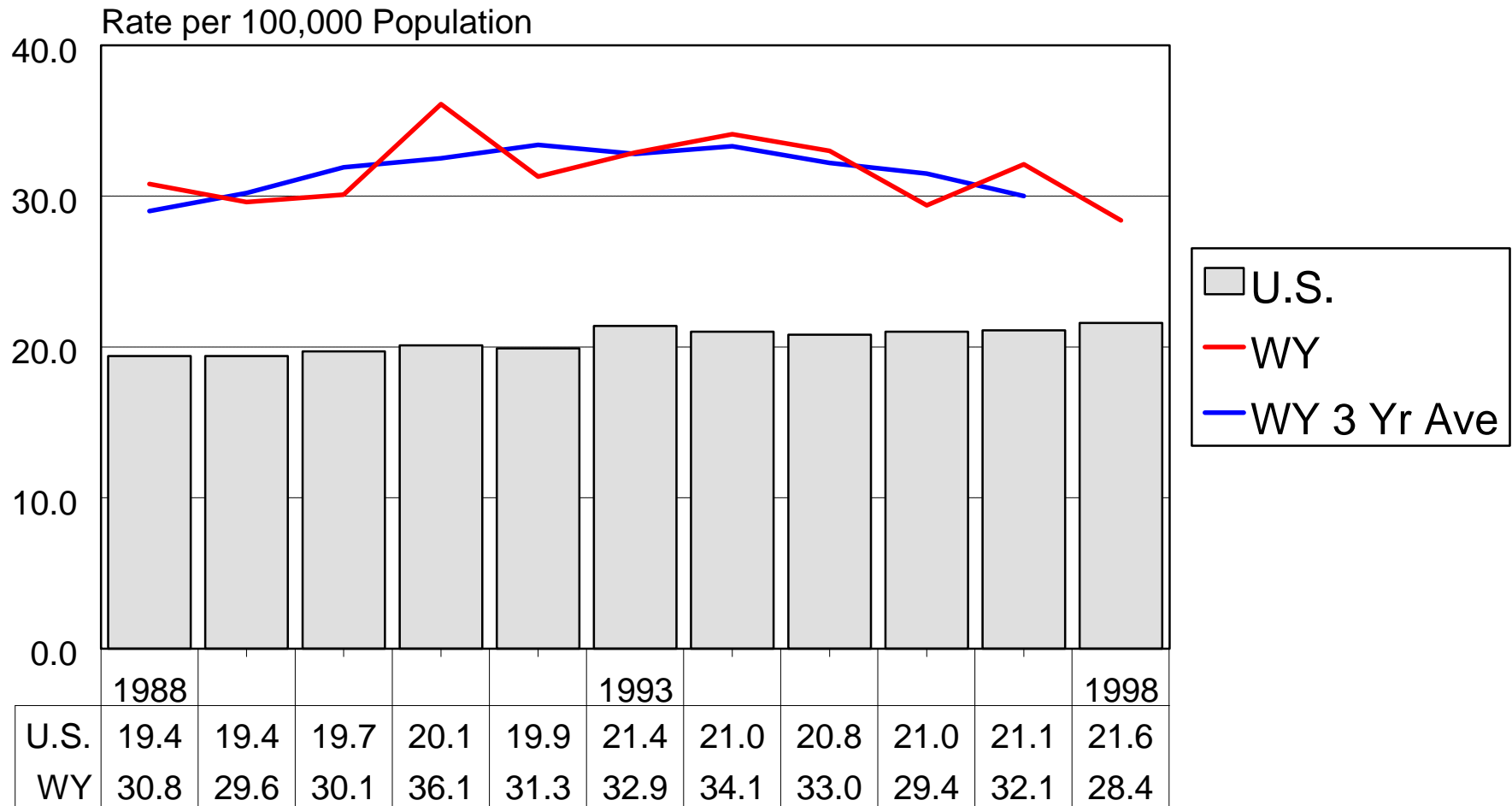
Rates were adjusted by the direct method, using the 1940 U.S. population as the standard.

AGE ADJUSTED DEATH RATES FOR CEREBROVASCULAR DISEASE WYOMING & U.S., 1988 - 1998



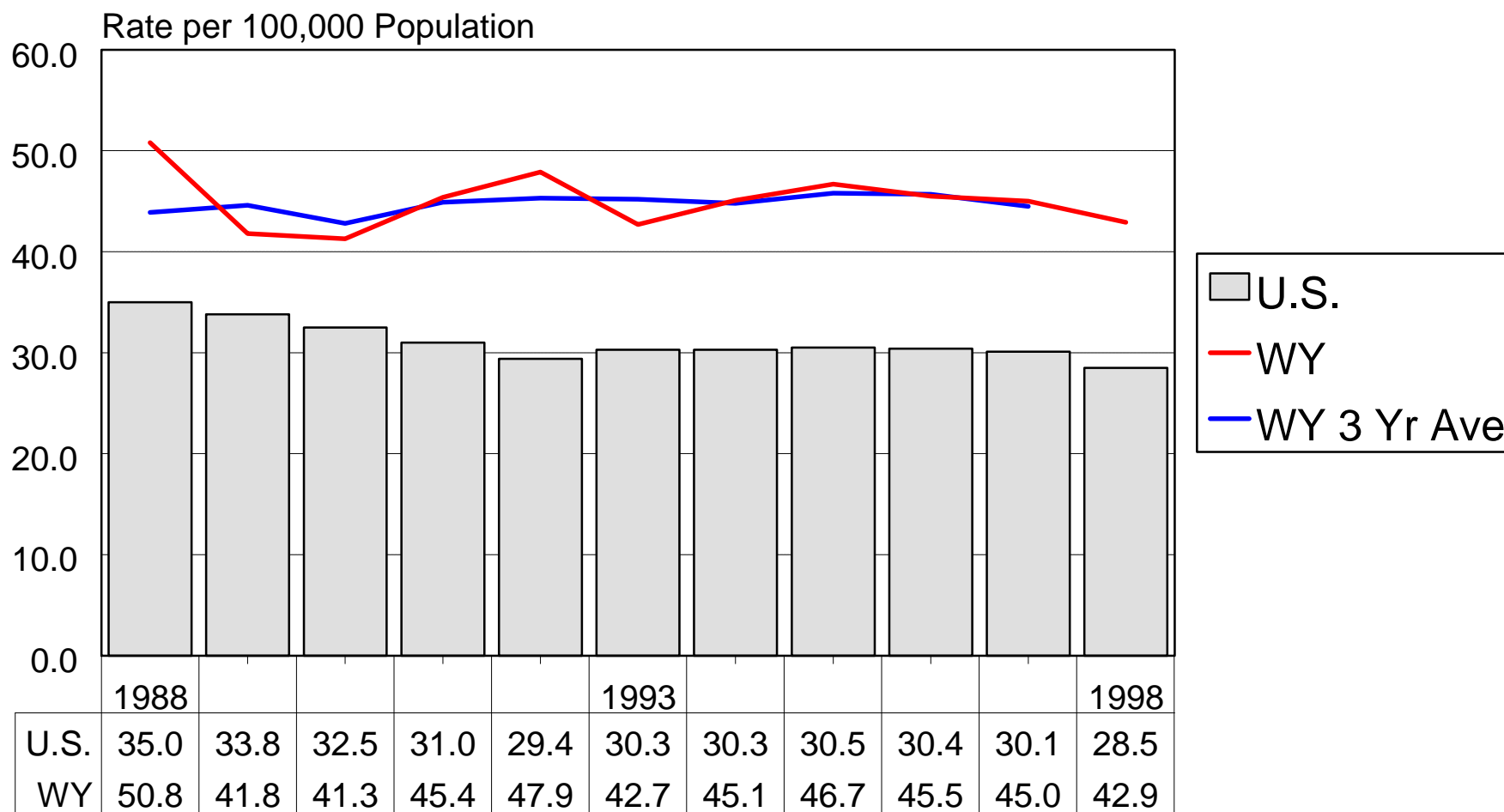
Rates were adjusted by the direct method, using the 1940 U.S. population as the standard.

AGE ADJUSTED DEATH RATES FOR CHRONIC OBSTRUCTIVE PULMONARY DISEASE, WYOMING & U.S., 1988 - 1998



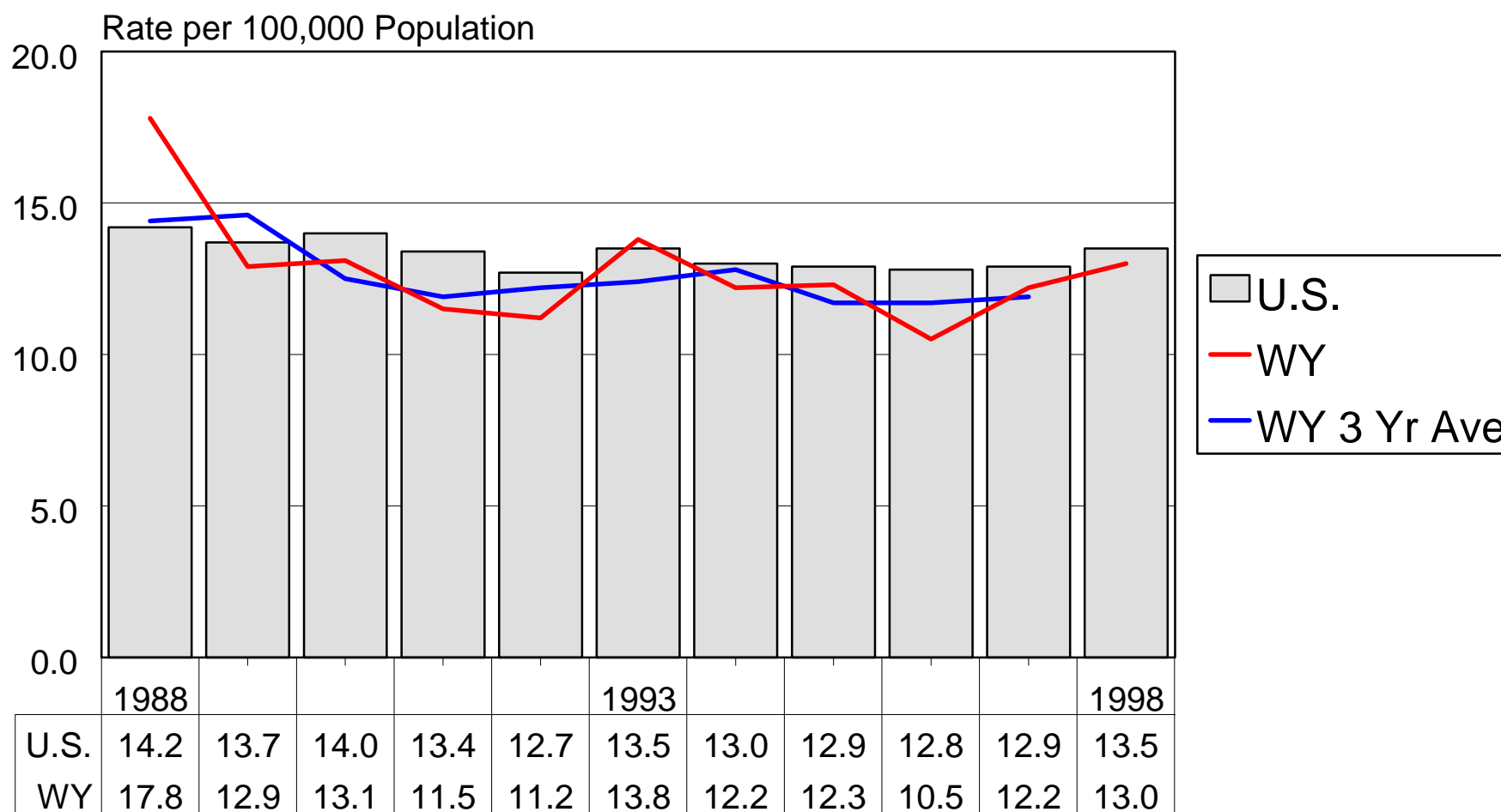
Rates were adjusted by the direct method, using the 1940 U.S. population as the standard.

AGE ADJUSTED DEATH RATES FOR UNINTENTIONAL INJURIES WYOMING & U.S., 1988 - 1998



Rates were adjusted by the direct method, using the 1940 U.S. population as the standard.

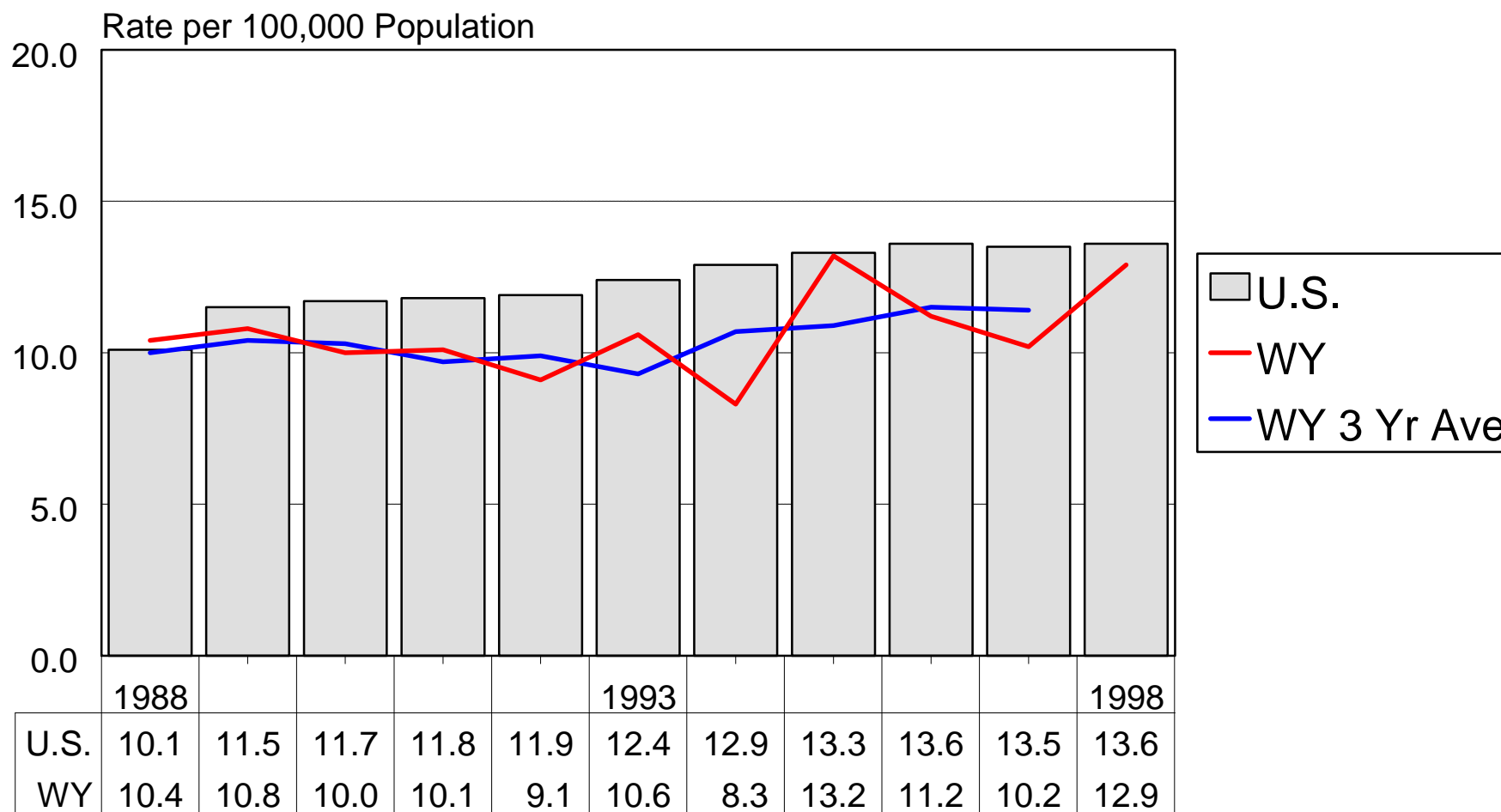
AGE ADJUSTED DEATH RATES FOR PNEUMONIA AND INFLUENZA WYOMING & U.S., 1988 - 1998



Rates were adjusted by the direct method, using the 1940 U.S. population as the standard.

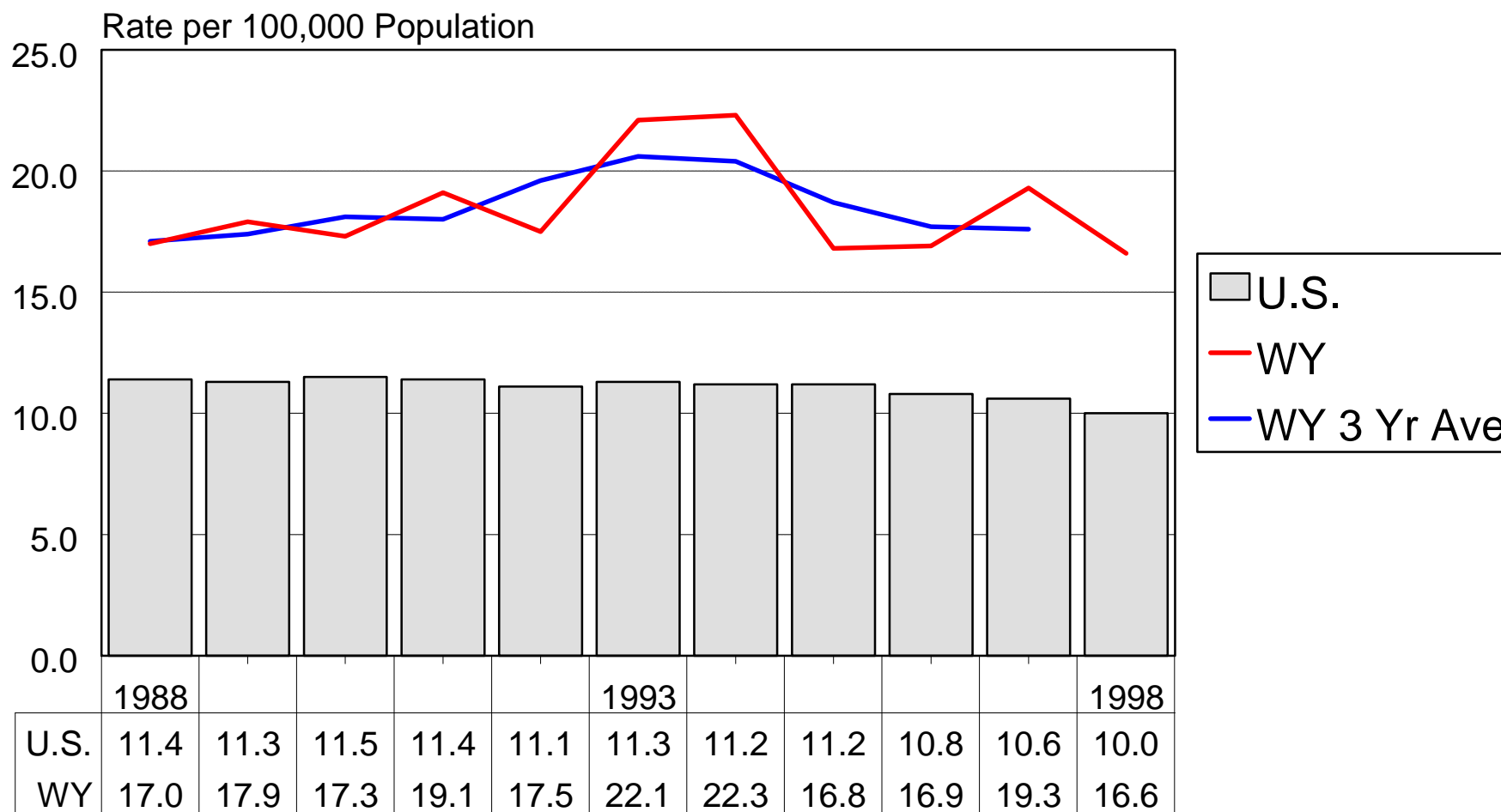
AGE ADJUSTED DEATH RATES FOR DIABETES MELLITUS

WYOMING & U.S., 1988 - 1998



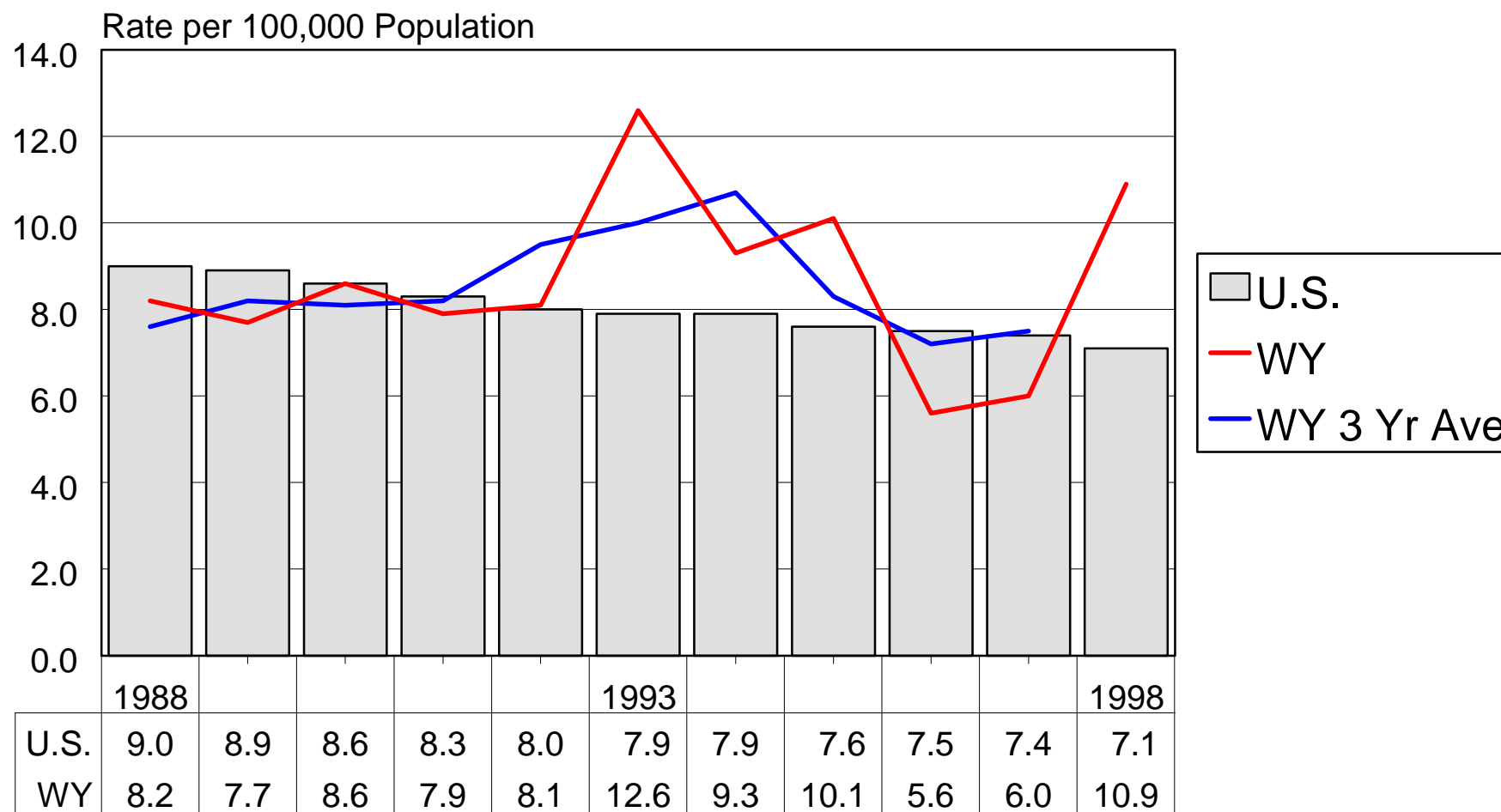
Rates were adjusted by the direct method, using the 1940 U.S. population as the standard.

AGE ADJUSTED DEATH RATES FOR SUICIDE WYOMING & U.S., 1988 - 1998



Rates were adjusted by the direct method, using the 1940 U.S. population as the standard.

AGE ADJUSTED DEATH RATES FOR CHRONIC LIVER DISEASE AND CIRRHOSIS, WYOMING & U.S., 1988 - 1998



Rates were adjusted by the direct method, using the 1940 U.S. population as the standard.

YEARS OF POTENTIAL LIFE LOST Leading cause of death statistics tend to emphasize causes of death at older ages simply because of the larger number of these deaths. An alternative way of examining causes of death, which puts more emphasis on premature deaths, is the years of potential life lost statistic (YPLL). Only deaths of persons under the age of 75 are included when calculating this statistic.¹ The calculation is done using numbers of deaths by age group. The number of deaths for each age group is multiplied by the difference between the midpoint of the age group and 75. The YPLL is then derived by summing this figure over all age groups.

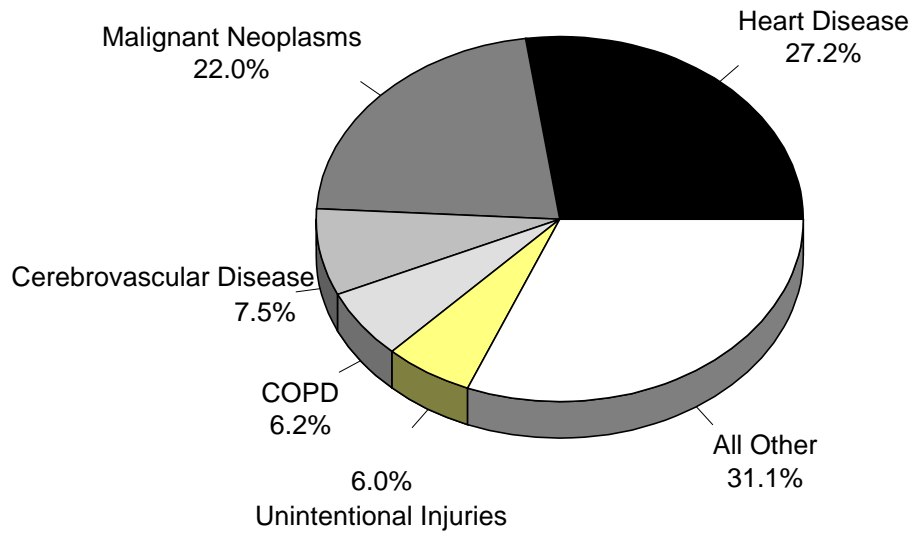
The total number of years of potential life lost increased by 3.6% from 1997 to 1998. Cancer replaced unintentional injuries as the leading cause of YPLL. Heart disease and suicide remained in third and fourth place respectively.

**LEADING CAUSES OF YEARS OF POTENTIAL LIFE LOST
WYOMING RESIDENTS, 1998**

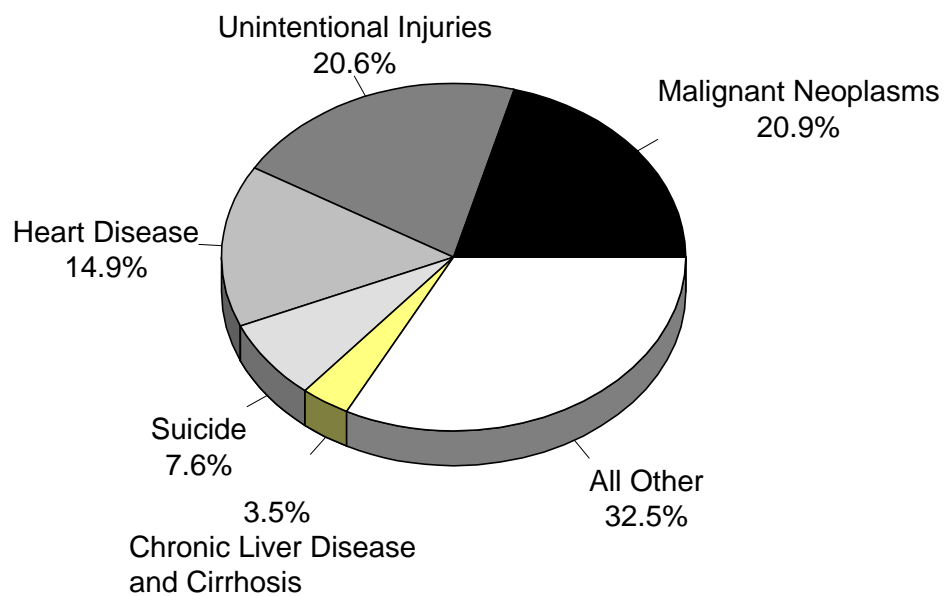
Rank	Cause of Death	YPLL	% of Total YPLL
	All Causes	34,722.5	100.0
1	Malignant Neoplasms	7,248.5	20.9
2	Unintentional Injuries	7,155.5	20.6
	Motor Vehicle Related	5,004.0	14.4
	Other	2,151.5	6.2
3	Heart Disease	5,173.5	14.9
4	Suicide	2,632.5	7.6
5	Chronic Liver Disease and Cirrhosis	1,213.5	3.5
6	Certain Conditions of the Perinatal Period	1,192.0	3.4
7	Congenital Anomalies	1,160.0	3.3
8	Chronic Obstructive Pulmonary Disease	1,067.5	3.1
9	Homicide	785.0	2.3
10	Pneumonia and Influenza	728.5	2.1
	All Other Causes	6,366.0	18.3

¹In reports prior to the 1996 report, years of potential life lost was calculated before age 65.

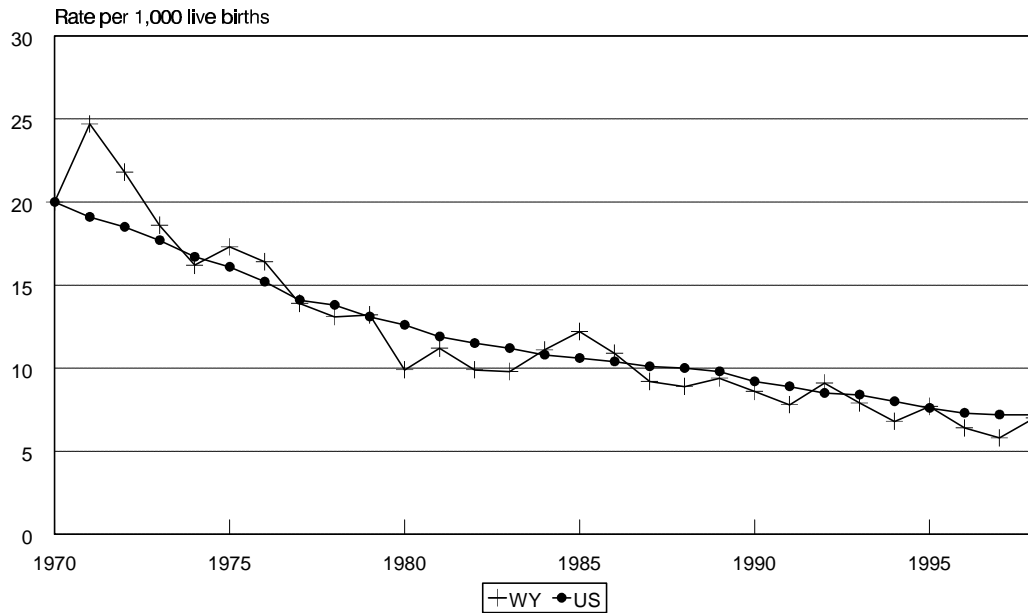
**NUMBERS OF DEATHS
BY LEADING CAUSE, WY 1998**



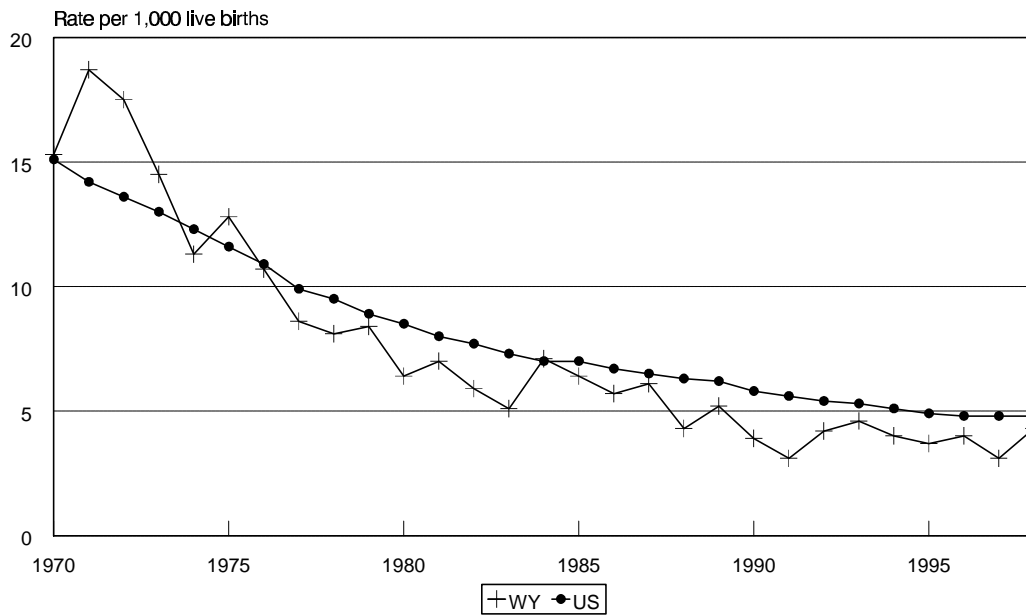
**YEARS OF POTENTIAL LIFE LOST
BY LEADING CAUSE, WY 1998**



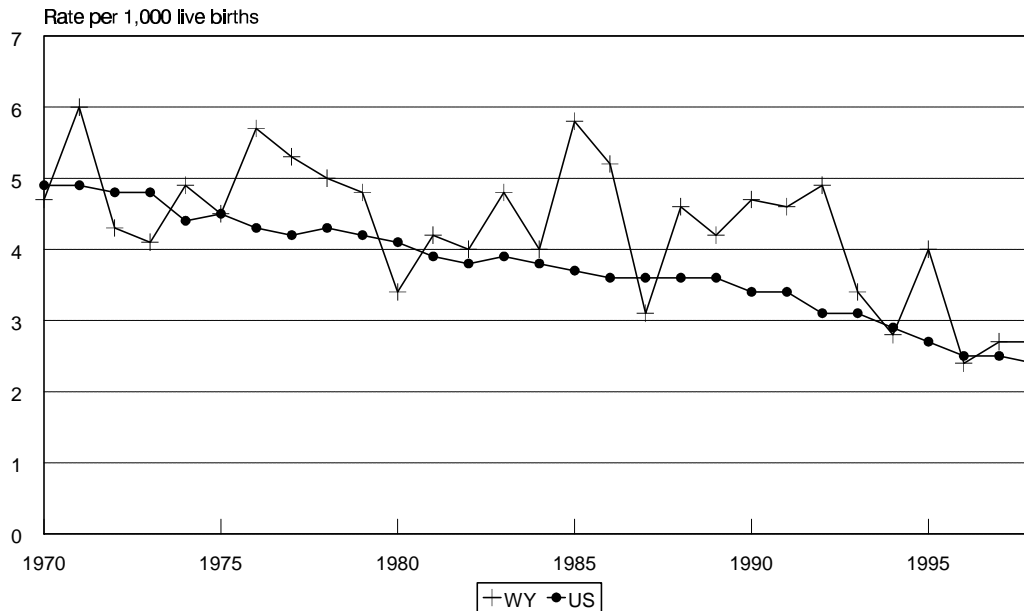
**INFANT MORTALITY RATES
WYOMING AND U.S., 1970 - 1998**



**NEONATAL MORTALITY RATES
WYOMING AND U.S., 1970 - 1998**



POSTNEONATAL MORTALITY RATES WYOMING AND U.S., 1970 - 1998



INFANT MORTALITY In 1998, 44 infants died before one year of age, 7 more than the previous year. The infant mortality rate increased from 5.8 infant deaths per 1,000 live births to 7.0. This was still below the preliminary U.S. rate for the year of 7.2.

The increase in the infant mortality rate was due entirely to an increase in the number of neonatal deaths (under 28 days old). There were 27 such deaths in 1998, compared to 20 in 1997. The neonatal mortality rate increased from 3.1 neonatal deaths per 1,000 live births to 4.3. The comparable national rate was 4.8.

The number of postneonatal deaths (from 28 days to one year of age) remained constant at 17. The postneonatal mortality rate was 2.7 postneonatal deaths per 1,000 live births, 12.5% above the preliminary U.S. rate of 2.4.

Numbers of deaths from Sudden Infant Death Syndrome (SIDS) have continued to decline. The infant mortality rate from SIDS for the three years from 1996 through 1998 was 62% below that for 1990 through 1992. Congenital Anomalies have now replaced SIDS as the

leading cause of infant death in the state. The infant mortality rate for congenital anomalies is also decreasing. The rate for 1996 through 1998 was 41% below that for 1990 through 1992.

***LEADING CAUSES OF INFANT DEATH
WYOMING RESIDENTS 1996 - 1998, U.S. 1997***

Cause	WY 1996 - 1998		U.S. 1997
	Number	Rate ¹	Rate ¹
All Causes	121	64.0	72.3
Congenital Anomalies	26	13.8	15.9
Sudden Infant Death Syndrome	20	10.6	7.7
Disorders Relating to Short Gestation and Unspecified Low Birthweight	14	7.4	10.1
Newborn Affected by Complications of Placenta, Cord, and Membranes	7	3.7	2.5
Newborn Affected by Maternal Complications of Pregnancy	7	3.7	3.2
Unintentional Injuries	5	2.6	2.0
Respiratory Distress Syndrome	4	2.1	3.4
Certain Infections of the Perinatal Period	3	1.6	2.0
All Other Causes	35	18.5	25.5

¹ Rates are per 10,000 live births.

**DEATHS AND RATES
BY COUNTY OF RESIDENCE
WYOMING, 1994 - 1998**

Residence	1994		1995		1996		1997		1998	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
U.S. Rate	--	8.8	--	8.8	--	8.7	--	8.6	--	8.7
Wyoming	3,481	7.3	3,720	7.8	3,604	7.5	3,740	7.8	3,847	8.0
Albany	159	5.1	166	5.4	164	5.4	160	5.4	184	6.3
Big Horn	127	11.7	130	11.7	129	11.5	122	11.0	136	12.0
Campbell	123	4.0	133	4.2	115	3.6	155	4.8	135	4.2
Carbon	149	9.3	148	9.2	144	9.0	119	7.5	146	9.4
Converse	93	8.0	97	8.1	89	7.3	76	6.2	86	7.0
Crook	47	8.4	49	8.7	38	6.6	36	6.2	55	9.4
Fremont	308	8.8	341	9.6	314	8.8	372	10.3	342	9.5
Goshen	104	8.2	129	10.2	117	9.2	116	9.0	134	10.4
Hot Springs	60	12.8	51	11.1	51	11.0	64	13.6	60	12.7
Johnson	60	9.2	83	12.5	79	11.8	81	12.0	84	12.3
Laramie	545	7.0	621	7.9	593	7.5	600	7.6	621	7.9
Lincoln	86	6.3	85	6.1	86	6.2	92	6.6	87	6.3
Natrona	451	7.1	531	8.3	499	7.8	537	8.4	513	8.1
Niobrara	30	11.8	32	12.3	34	12.9	33	12.5	24	8.9
Park	226	9.1	214	8.4	193	7.6	240	9.4	212	8.2
Platte	96	11.6	84	10.1	98	11.6	97	11.3	104	12.1
Sheridan	251	10.2	261	10.4	253	10.0	250	9.9	322	12.8
Sublette	47	8.7	38	6.9	36	6.5	59	10.4	52	9.1
Sweetwater	230	5.7	243	6.0	235	5.8	230	5.8	240	6.0
Teton	62	4.7	50	3.7	66	4.9	58	4.2	62	4.4
Uinta	91	4.5	96	4.8	109	5.4	108	5.3	84	4.1
Washakie	75	8.8	72	8.4	107	12.5	72	8.4	95	11.0
Weston	61	9.3	66	10.0	55	8.4	60	9.2	69	10.7
Yellowstone NP	-	--	-	--	-	--	3	--	-	--

**DEATHS BY SEX, RACE, ORIGIN, AGE,
AND COUNTY OF RESIDENCE
WYOMING, 1998**

	Total	Age Group											Not Stated
		Under 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 & Over	
Wyoming	3,847	44	14	17	72	72	149	269	376	746	1,111	977	-
Sex													
Male	1,919	19	11	12	51	53	105	164	223	421	533	327	-
Female	1,928	25	3	5	21	19	44	105	153	325	578	650	-
Race													
White	3,730	32	11	15	65	66	138	256	356	736	1,089	966	-
Black	29	2	-	2	1	-	4	2	5	4	6	3	-
Indian	82	9	3	-	6	6	6	11	14	5	14	8	-
Other	4	-	-	-	-	-	1	-	-	1	2	-	-
Unknown	2	1	-	-	-	-	-	-	1	-	-	-	-
Hispanic Origin ¹	120	1	-	1	4	4	8	14	13	26	28	21	-
Residence													
Albany	184	2	-	2	4	2	4	13	15	34	54	54	-
Big Horn	136	3	-	1	1	1	1	7	12	16	52	42	-
Campbell	135	-	1	2	2	2	14	11	28	28	25	22	-
Carbon	146	-	1	2	4	2	4	17	19	24	41	32	-
Converse	86	1	-	-	1	2	4	2	4	21	29	22	-
Crook	55	-	-	-	2	1	2	4	6	13	10	17	-
Fremont	342	9	2	1	13	6	7	30	46	54	94	80	-
Goshen	134	1	-	-	2	1	4	5	7	21	45	48	-
Hot Springs	60	-	-	-	-	1	2	2	7	16	17	15	-
Johnson	84	-	-	-	-	-	1	4	7	24	25	23	-
Laramie	621	9	2	3	8	6	32	44	59	119	172	167	-
Lincoln	87	-	-	-	2	1	4	10	9	19	22	20	-
Natrona	513	2	1	1	7	16	21	33	38	103	170	121	-
Niobrara	24	-	-	-	2	-	-	4	1	6	7	4	-
Park	212	4	1	-	5	4	9	7	16	30	67	69	-
Platte	104	1	-	2	2	-	6	6	10	19	29	29	-
Sheridan	322	1	3	1	1	4	9	19	26	76	88	94	-
Sublette	52	1	-	-	1	3	1	3	9	9	13	12	-
Sweetwater	240	5	-	-	8	9	8	25	33	43	65	44	-
Teton	62	-	-	-	1	4	3	7	3	11	18	15	-
Uinta	84	3	2	-	3	2	3	8	9	22	18	14	-
Washakie	95	1	-	1	1	3	5	2	5	23	29	25	-
Weston	69	1	1	1	2	2	5	6	7	15	21	8	-
Yellowstone NP	-	-	-	-	-	-	-	-	-	-	-	-	-

¹Included in appropriate race totals.

**DEATHS BY SELECTED CAUSE
AND COUNTY OF RESIDENCE
WYOMING, 1998**

[illegible]

LEADING CAUSE OF DEATH BY AGE GROUP AND SEX **WYOMING, 1998**

Cause of Death	Number of Deaths	Percent of Total
<u>TOTAL ALL AGES*</u>		
Heart Disease	1,045	27.2
Malignant Neoplasms	845	22.0
Cerebrovascular Disease	290	7.5
Chronic Obstructive Pulmonary Disease	240	6.2
Unintentional Injuries	232	6.0
Motor Vehicle Related	136	3.5
Other	96	2.5
All Other Causes	1,195	31.1
Total	3,847	100.0
<u>TOTAL 1 - 4 YEARS</u>		
Unintentional Injuries	6	42.9
Motor Vehicle Related	3	21.4
Other	3	21.4
Pneumonia and Influenza	3	21.4
All Other Causes	5	35.7
Total	14	100.0
<u>TOTAL 5 - 14 YEARS</u>		
Unintentional Injuries	8	47.1
Motor Vehicle Related	7	41.2
Other	1	5.9
Heart Disease	2	11.8
Homicide	2	11.8
Malignant Neoplasms	2	11.8
All Other Causes	3	17.6
Total	17	100.0
<u>TOTAL 15 - 24 YEARS</u>		
Unintentional Injuries	37	51.4
Motor Vehicle Related	30	41.7
Other	7	9.7
Suicide	15	20.8
Homicide	5	6.9
Malignant Neoplasms	5	6.9
Heart Disease	4	5.6
All Other Causes	6	8.3
Total	72	100.0

Cause of Death	Number of Deaths	Percent of Total
<u>TOTAL 25 - 44 YEARS</u>		
Unintentional Injuries	73	33.0
Motor Vehicle Related	47	21.3
Other	26	11.8
Malignant Neoplasms	32	14.5
Suicide	32	14.5
Heart Disease	18	8.1
Chronic Liver Disease and Cirrhosis	15	6.8
All Other Causes	51	23.1
Total	221	100.0
<u>TOTAL 45 - 64 YEARS</u>		
Malignant Neoplasms	218	33.8
Heart Disease	146	22.6
Unintentional Injuries	49	7.6
Motor Vehicle Related	34	5.3
Other	15	2.3
Chronic Liver Disease and Cirrhosis	30	4.7
Chronic Obstructive Pulmonary Disease	28	4.3
All Other Causes	174	27.0
Total	645	100.0
<u>TOTAL 65 YEARS & OVER</u>		
Heart Disease	872	30.8
Malignant Neoplasms	588	20.7
Cerebrovascular Disease	267	9.4
Chronic Obstructive Pulmonary Disease	209	7.4
Pneumonia and Influenza	130	4.6
All Other Causes	768	27.1
Total	2,834	100.0

*Total includes deaths under the age of one year and deaths of unknown age.

**LEADING CAUSE OF DEATH BY AGE GROUP AND SEX
WYOMING, 1998**

Cause of Death	Number of Deaths	Percent of Total
<u>MALE ALL AGES</u>		
Heart Disease	525	27.4
Malignant Neoplasms	430	22.4
Unintentional Injuries	155	8.1
Motor Vehicle Related	96	5.0
Other	59	3.1
Chronic Obstructive Pulmonary Disease	123	6.4
Cerebrovascular Disease	114	5.9
All Other Causes	572	29.8
Total	1,919	100.0
<u>MALE 1 - 4 YEARS</u>		
Unintentional Injuries	6	54.5
Motor Vehicle Related	3	27.3
Other	3	27.3
All Other Causes	5	45.5
Total	11	100.0
<u>MALE 5 - 14 YEARS</u>		
Unintentional Injuries	6	50.0
Motor Vehicle Related	5	41.7
Other	1	8.3
Heart Disease	2	16.7
All Other Causes	4	33.3
Total	12	100.0
<u>MALE 15 - 24 YEARS</u>		
Unintentional Injuries	26	51.0
Motor Vehicle Related	21	41.2
Other	5	9.8
Suicide	12	23.5
Homicide	4	7.8
Heart Disease	2	3.9
Malignant Neoplasms	2	3.9
All Other Causes	5	9.8
Total	51	100.0

Cause of Death	Number of Deaths	Percent of Total
<u>MALE 25 - 44 YEARS</u>		
Unintentional Injuries	55	34.8
Motor Vehicle Related	36	22.8
Other	19	12.0
Suicide	29	18.4
Heart Disease	18	11.4
Chronic Liver Disease and Cirrhosis	12	7.6
Malignant Neoplasms	11	7.0
All Other Causes	33	20.9
Total	158	100.0
<u>MALE 45 - 64 YEARS</u>		
Malignant Neoplasms	115	29.7
Heart Disease	100	25.8
Unintentional Injuries	36	9.3
Motor Vehicle Related	23	5.9
Other	13	3.4
Chronic Liver Disease and Cirrhosis	19	4.9
Suicide	17	4.4
All Other Causes	100	25.8
Total	387	100.0
<u>MALE 65 YEARS & OVER</u>		
Heart Disease	401	31.3
Malignant Neoplasms	301	23.5
Cerebrovascular Disease	106	8.3
Chronic Obstructive Pulmonary Disease	106	8.3
Pneumonia & Influenza	47	3.7
All Other Causes	320	25.0
Total	1,281	100.0

* Total includes deaths under the age of one year, and deaths of unknown age.

**LEADING CAUSE OF DEATH BY AGE GROUP AND SEX
WYOMING, 1998**

Cause of Death	Number of Deaths	Percent of Total
<u>FEMALE ALL AGES*</u>		
Heart Disease	520	27.0
Malignant Neoplasms	415	21.5
Cerebrovascular Disease	176	9.1
Chronic Obstructive Pulmonary Disease	117	6.1
Pneumonia and Influenza	94	4.9
All Other Causes	606	31.4
Total	1,928	100.0
<u>FEMALE 1 - 4 YEARS</u>		
Pneumonia and Influenza	2	66.7
All Other Causes	1	33.3
Total	3	100.0
<u>FEMALE 5 - 14 YEARS</u>		
Homicide	2	40.0
Unintentional Injuries	2	40.0
Motor Vehicle Related	2	40.0
Other	-	0.0
All Other Causes	1	20.0
Total	5	100.0
<u>FEMALE 15 - 24 YEARS</u>		
Unintentional Injuries	11	52.4
Motor Vehicle Related	9	42.9
Other	2	9.5
Malignant Neoplasms	3	14.3
Suicide	3	14.3
Heart Disease	2	9.5
All Other Causes	2	9.5
Total	21	100.0

Cause of Death	Number of Deaths	Percent of Total
<u>FEMALE 25 - 44 YEARS</u>		
Malignant Neoplasms	21	33.3
Unintentional Injuries	18	28.6
Motor Vehicle Related	11	17.5
Other	7	11.1
Chronic Liver Disease and Cirrhosis	3	4.8
Suicide	3	4.8
Nephritis, Nephrotic Syndrome and Nephrosis	2	3.2
Pneumonia and Influenza	2	3.2
All Other Causes	14	22.2
Total	63	100.0
<u>FEMALE 45 - 64 YEARS</u>		
Malignant Neoplasms	103	39.9
Heart Disease	46	17.8
Cerebrovascular Disease	14	5.4
Chronic Obstructive Pulmonary Disease	14	5.4
Unintentional Injuries	13	5.0
Motor Vehicle Related	11	4.3
Other	2	0.8
All Other Causes	68	26.4
Total	258	100.0
<u>FEMALE 65 YEARS & OVER</u>		
Heart Disease	471	30.3
Malignant Neoplasms	287	18.5
Cerebrovascular Disease	161	10.4
Chronic Obstructive Pulmonary Disease	103	6.6
Pneumonia & Influenza	83	5.3
All Other Causes	448	28.8
Total	1,553	100.0

* Total includes deaths under the age of one year.

**RESIDENT DEATHS BY SELECTED CAUSE AND AGE
WYOMING, 1998**

	Total	Under 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 & Over	Not Stated
All Causes	3,847	44	14	17	72	72	149	269	376	746	1,111	977	-
Septicemia (038)	35	1	-	-	1	-	-	2	4	8	11	8	-
Human immunodeficiency virus infection (042-044)	2	-	-	-	-	1	-	1	-	-	-	-	-
Residual of infectious and parasitic diseases	13	-	1	-	-	-	4	3	2	-	3	-	-
Malignant Neoplasms (140-208)	845	-	-	2	5	7	25	92	126	242	236	110	-
Digestive organs and peritoneum (150-159)	199	-	-	-	-	-	5	15	30	59	63	27	-
Respiratory and intrathoracic organs (160-165)	234	-	-	-	-	1	4	22	39	83	61	24	-
Breast (174-175)	65	-	-	-	-	2	4	13	12	11	16	7	-
Genital organs (179-187)	91	-	-	-	-	1	5	9	7	18	36	15	-
Urinary organs (188-189)	36	-	-	-	-	-	2	3	9	9	10	3	-
Leukemia (204-208)	40	-	-	2	2	-	1	3	5	10	9	8	-
Other malignant neoplasms	180	-	-	-	3	3	4	27	24	52	41	26	-
Diabetes mellitus (250)	114	-	-	-	-	1	4	7	11	27	31	33	-
Alzheimer's disease (331.0)	43	-	-	-	-	-	-	-	-	6	16	21	-
Major cardiovascular diseases (390-448)	1,408	2	1	2	4	2	20	57	113	266	468	473	-
Diseases of heart (390-398, 402, 404-429)	1,045	2	1	2	4	2	16	49	97	216	322	334	-
Rheumatic fever and rheumatic heart disease (390-398)	5	-	-	-	-	-	-	-	1	-	2	2	-
Hypertensive heart disease (402, 404)	28	-	-	-	-	-	-	-	2	5	10	11	-
Ischemic heart disease (410-414)	659	-	-	1	-	1	13	39	71	151	197	186	-
Other heart disease (415-429)	353	2	1	1	4	1	3	10	23	60	113	135	-
Hypertension (401, 403)	16	-	-	-	-	-	-	-	1	1	5	9	-
Cerebrovascular disease (430-438)	290	-	-	-	-	-	3	7	13	39	120	108	-
Arteriosclerosis (440)	16	-	-	-	-	-	-	-	-	1	8	7	-
Other cardiovascular disease (441-448)	41	-	-	-	-	-	1	1	2	9	13	15	-
Pneumonia and influenza (480-487)	149	-	3	1	1	2	1	4	7	12	34	84	-
Chronic obstructive pulmonary disease (490-496)	240	1	-	-	1	1	-	4	24	76	94	39	-
Ulcer of stomach and duodenum (531-533)	11	-	-	-	-	-	1	1	1	1	3	4	-
Chronic liver disease and cirrhosis (571)	65	-	-	-	-	2	13	13	17	12	7	1	-
Nephritis and nephrosis (580-589)	23	-	-	-	-	1	1	1	1	2	7	10	-
Congenital anomalies (740-759)	21	13	1	1	-	-	-	1	2	-	3	-	-
Certain conditions of the perinatal period (760-779)	16	16	-	-	-	-	-	-	-	-	-	-	-
Symptoms and ill-defined conditions (780-799)	32	7	-	-	-	2	1	2	3	4	5	8	-
All other diseases	490	2	1	-	3	5	16	30	37	73	164	159	-
Motor vehicle related injuries (E810-E825)	136	-	3	7	30	19	28	24	10	7	6	2	-
Other unintentional injuries (E800-E807, E826-E949)	96	1	3	1	7	13	13	10	5	6	14	23	-
Suicide (E950-E959)	86	-	-	-	15	13	19	14	10	4	9	2	-
Homicide and legal intervention (E960-E978)	18	-	1	2	5	3	2	2	3	-	-	-	-
All other external causes (E980-E999)	4	1	-	1	-	-	1	1	-	-	-	-	-

Note: Code numbers following selected causes refer to the Ninth Revision of the International Classification of Diseases.

**MALE RESIDENT DEATHS BY SELECTED CAUSE AND AGE
WYOMING, 1998**

	Total	Under 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 & Over	Not Stated
All Causes	1,919	19	11	12	51	53	105	164	223	421	533	327	-
Septicemia (038)	18	1	-	-	1	-	-	2	2	4	3	5	-
Human immunodeficiency virus infection (042-044)	2	-	-	-	-	1	-	1	-	-	-	-	-
Residual of infectious and parasitic diseases	10	-	1	-	-	-	2	3	2	-	2	-	-
Malignant Neoplasms (140-208)	430	-	-	1	2	4	7	39	76	132	121	48	-
Digestive organs and peritoneum (150-159)	101	-	-	-	-	-	3	7	22	35	26	8	-
Respiratory and intrathoracic organs (160-165)	135	-	-	-	-	-	1	13	24	49	34	14	-
Breast (174-175)	1	-	-	-	-	-	-	-	-	-	1	-	-
Genital organs (179-187)	56	-	-	-	-	1	-	2	3	14	26	10	-
Urinary organs (188-189)	26	-	-	-	-	-	2	1	6	6	8	3	-
Leukemia (204-208)	17	-	-	1	-	-	-	1	2	6	4	3	-
Other malignant neoplasms	94	-	-	-	2	3	1	15	19	22	22	10	-
Diabetes mellitus (250)	56	-	-	-	-	1	3	5	7	16	15	9	-
Alzheimer's disease (331.0)	18	-	-	-	-	-	-	-	-	5	7	6	-
Major cardiovascular diseases (390-448)	670	1	1	2	2	2	18	41	69	167	224	143	-
Diseases of heart (390-398, 402, 404-429)	525	1	1	2	2	2	16	37	63	141	160	100	-
Rheumatic fever and rheumatic heart disease (390-398)	-	-	-	-	-	-	-	-	-	-	-	-	-
Hypertensive heart disease (402, 404)	11	-	-	-	-	-	-	-	2	3	2	4	-
Ischemic heart disease (410-414)	358	-	-	1	-	1	13	30	49	102	101	61	-
Other heart disease (415-429)	156	1	1	1	2	1	3	7	12	36	57	35	-
Hypertension (401, 403)	4	-	-	-	-	-	-	-	1	1	-	2	-
Cerebrovascular disease (430-438)	114	-	-	-	-	-	2	3	3	20	50	36	-
Arteriosclerosis (440)	7	-	-	-	-	-	-	-	-	-	5	2	-
Other cardiovascular disease (441-448)	20	-	-	-	-	-	-	1	2	5	9	3	-
Pneumonia and influenza (480-487)	55	-	1	1	-	1	-	2	3	4	13	30	-
Chronic obstructive pulmonary disease (490-496)	123	1	-	-	1	1	-	3	11	36	48	22	-
Ulcer of stomach and duodenum (531-533)	5	-	-	-	-	-	1	-	1	-	2	1	-
Chronic liver disease and cirrhosis (571)	42	-	-	-	-	2	10	9	10	5	5	1	-
Nephritis and nephrosis (580-589)	9	-	-	-	-	-	-	1	-	2	1	5	-
Congenital anomalies (740-759)	8	5	1	1	-	-	-	-	-	-	1	-	-
Certain conditions of the perinatal period (760-779)	6	6	-	-	-	-	-	-	-	-	-	-	-
Symptoms and ill-defined conditions (780-799)	12	2	-	-	-	2	1	1	2	1	3	-	-
All other diseases	215	2	1	-	3	2	11	21	19	37	71	48	-
Motor vehicle related injuries (E810-E825)	96	-	3	5	21	14	22	16	7	4	3	1	-
Other unintentional injuries (E800-E807, E826-E949)	59	-	3	1	5	10	9	9	4	4	7	7	-
Suicide (E950-E959)	70	-	-	-	12	11	18	8	9	4	7	1	-
Homicide and legal intervention (E960-E978)	11	-	-	-	4	2	2	2	1	-	-	-	-
All other external causes (E980-E999)	4	1	-	1	-	-	1	1	-	-	-	-	-

Note: Code numbers following selected causes refer to the Ninth Revision of the International Classification of Diseases.

**FEMALE RESIDENT DEATHS BY SELECTED CAUSE AND AGE
WYOMING, 1998**

	Total	Under 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 & Over	Not Stated
All Causes	1,928	25	3	5	21	19	44	105	153	325	578	650	-
Septicemia (038)	17	-	-	-	-	-	-	-	2	4	8	3	-
Human immunodeficiency virus infection (042-044)	-	-	-	-	-	-	-	-	-	-	-	-	-
Residual of infectious and parasitic diseases	3	-	-	-	-	-	2	-	-	-	1	-	-
Malignant Neoplasms (140-208)	415	-	-	1	3	3	18	53	50	110	115	62	-
Digestive organs and peritoneum (150-159)	98	-	-	-	-	-	2	8	8	24	37	19	-
Respiratory and intrathoracic organs (160-165)	99	-	-	-	-	1	3	9	15	34	27	10	-
Breast (174-175)	64	-	-	-	-	2	4	13	12	11	15	7	-
Genital organs (179-187)	35	-	-	-	-	-	5	7	4	4	10	5	-
Urinary organs (188-189)	10	-	-	-	-	-	-	2	3	3	2	-	-
Leukemia (204-208)	23	-	-	1	2	-	1	2	3	4	5	5	-
Other malignant neoplasms	86	-	-	-	1	-	3	12	5	30	19	16	-
Diabetes mellitus (250)	58	-	-	-	-	-	1	2	4	11	16	24	-
Alzheimer's disease (331.0)	25	-	-	-	-	-	-	-	-	1	9	15	-
Major cardiovascular diseases (390-448)	738	1	-	-	2	-	2	16	44	99	244	330	-
Diseases of heart (390-398, 402, 404-429)	520	1	-	-	2	-	-	12	34	75	162	234	-
Rheumatic fever and rheumatic heart disease (390-398)	5	-	-	-	-	-	-	-	1	-	2	2	-
Hypertensive heart disease (402, 404)	17	-	-	-	-	-	-	-	-	2	8	7	-
Ischemic heart disease (410-414)	301	-	-	-	-	-	-	9	22	49	96	125	-
Other heart disease (415-429)	197	1	-	-	2	-	-	3	11	24	56	100	-
Hypertension (401, 403)	12	-	-	-	-	-	-	-	-	-	5	7	-
Cerebrovascular disease (430-438)	176	-	-	-	-	-	1	4	10	19	70	72	-
Arteriosclerosis (440)	9	-	-	-	-	-	-	-	-	1	3	5	-
Other cardiovascular disease (441-448)	21	-	-	-	-	-	1	-	-	4	4	12	-
Pneumonia and influenza (480-487)	94	-	2	-	1	1	1	2	4	8	21	54	-
Chronic obstructive pulmonary disease (490-496)	117	-	-	-	-	-	-	1	13	40	46	17	-
Ulcer of stomach and duodenum (531-533)	6	-	-	-	-	-	-	1	-	1	1	3	-
Chronic liver disease and cirrhosis (571)	23	-	-	-	-	-	3	4	7	7	2	-	-
Nephritis and nephrosis (580-589)	14	-	-	-	-	1	1	-	1	-	6	5	-
Congenital anomalies (740-759)	13	8	-	-	-	-	-	1	2	-	2	-	-
Certain conditions of the perinatal period (760-779)	10	10	-	-	-	-	-	-	-	-	-	-	-
Symptoms and ill-defined conditions (780-799)	20	5	-	-	-	-	-	1	1	3	2	8	-
All other diseases	275	-	-	-	-	3	5	9	18	36	93	111	-
Motor vehicle related injuries (E810-E825)	40	-	-	2	9	5	6	8	3	3	3	1	-
Other unintentional injuries (E800-E807, E826-E949)	37	1	-	-	2	3	4	1	1	2	7	16	-
Suicide (E950-E959)	16	-	-	-	3	2	1	6	1	-	2	1	-
Homicide and legal intervention (E960-E978)	7	-	1	2	1	1	-	-	2	-	-	-	-
All other external causes (E980-E999)	-	-	-	-	-	-	-	-	-	-	-	-	-

Note: Code numbers following selected causes refer to the Ninth Revision of the International Classification of Diseases.

**RESIDENT DEATHS DUE TO MALIGNANT NEOPLASMS BY SELECTED SUBCATEGORIES
WYOMING, 1998**

	Total	Sex	
		Male	Female
Total malignant neoplasms (140-208)	845	430	415
Malignant neoplasm of the lip, oral cavity and pharynx (140-149)	13	5	8
Malignant neoplasm of esophagus (150)	15	12	3
Malignant neoplasm of stomach (151)	20	12	8
Malignant neoplasm of colon, rectum, rectosigmoid junction, and anus (153, 154)	95	41	54
Malignant neoplasm of pancreas (157)	36	18	18
Malignant neoplasm of trachea, bronchus and lung (162)	225	128	97
Malignant melanoma of skin (172)	15	12	3
Malignant neoplasm of the female breast (174)	64	-	64
Malignant neoplasm of cervix uteri (180)	4	-	4
Malignant neoplasm of the body of the uterus and of uterus unspecified (179, 182)	7	-	7
Malignant neoplasm of ovary (183.0)	24	-	24
Malignant neoplasm of prostate (185)	54	54	-
Malignant neoplasm of bladder (188)	18	14	4
Malignant neoplasm of kidney, and other and unspecified urinary organs (189)	18	12	6
Malignant neoplasm of the brain and other parts of the nervous system (191, 192)	17	7	10
Hodgkin's disease (201)	4	2	2
Malignant lymphoma other than Hodgkin's disease (200,202)	35	14	21
Multiple myeloma and other immunoproliferative neoplasms (203)	16	10	6
Leukemia (204-208)	40	17	23
All other	125	72	53

Note: Code numbers following selected causes refer to the Ninth Revision of the International Classification of Diseases.

**DEATHS DUE TO EXTERNAL CAUSES
WYOMING RESIDENTS, 1998**

Method of Death	Total	Unintentional Injury	Suicide	Homicide/ Legal Intervention	Undetermined
All external causes	340	232	86	18	4
Cutting and piercing	4	-	1	2	1
Drowning ¹	9	8	1	-	-
Falls	23	23	-	-	-
Fires and flames	3	3	-	-	-
Firearms	70	4	57	8	1
Hanging and other suffocation	23	10	10	2	1
Machinery	3	3	-	-	-
Poisoning	31	14	16	-	1
Gas	7	1	6	-	-
Drugs	23	12	10	-	1
Other	1	1	-	-	-
Struck by or against	7	5	-	2	-
Transportation	139	139	-	-	-
Air	1	1	-	-	-
MV non-traffic	8	8	-	-	-
MV traffic	128	128	-	-	-
Occupant	103	103	-	-	-
Motorcyclist	3	3	-	-	-
Pedalcyclist	1	1	-	-	-
Pedestrian	10	10	-	-	-
Unspecified	11	11	-	-	-
Rail	-	-	-	-	-
Other transportation	2	2	-	-	-
All other external causes	28	23	1	4	-

¹Drownings due to boating mishaps are included in this category instead of the transportation category.

**UNINTENTIONAL INJURY DEATHS BY AGE AND SEX
WYOMING OCCURRENCE, 1998**

	Total	Male	Female	0-4		5-14		15-24		25-44		45-64		65-74		75+		Not Stated	
				M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Total	261	178	83	4	1	7	6	23	15	58	21	56	13	10	3	20	24	-	-
Occupational Deaths (except motor vehicle)	10	9	1	-	-	-	-	1	-	5	1	3	-	-	-	-	-	-	-
Agriculture	3	3	-	-	-	-	-	1	-	1	-	1	-	-	-	-	-	-	-
Mining, quarrying, oil and gas wells	3	3	-	-	-	-	-	-	-	2	-	1	-	-	-	-	-	-	-
Construction	3	2	1	-	-	-	-	-	-	1	1	1	-	-	-	-	-	-	-
Manufacturing	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Transportation and public utilities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trade	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Service	1	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
Government	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other and unspecified industry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Home Deaths	36	23	13	-	1	-	-	2	-	9	5	6	-	-	-	6	7	-	-
Poisonings (except gas)	12	9	3	-	-	-	-	1	-	6	3	2	-	-	-	-	-	-	-
Poisonings by gases and vapors	1	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
Falls	7	4	3	-	-	-	-	-	-	-	-	1	-	-	-	3	3	-	-
Fires	2	2	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-
Drowning	2	-	2	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-
Suffocation, ingested food or object	2	1	1	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-
Suffocation, mechanical	2	1	1	-	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-
Firearms	3	3	-	-	-	-	-	1	-	1	-	-	-	-	-	1	-	-	-
Other and unspecified home deaths	5	2	3	-	-	-	-	-	-	1	-	-	-	-	-	1	3	-	-
Motor Vehicle Deaths	157	111	46	2	-	7	5	15	13	39	13	37	10	6	2	5	3	-	-
Injury to pedestrian	6	5	1	1	-	1	-	-	-	1	-	1	-	-	-	1	1	-	-
Injury to pedal cyclist	2	2	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-
Injury to rider of animal or occupant of animal drawn vehicle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Collision with railroad train	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Collision with other motor vehicle	51	32	19	1	-	3	1	3	2	9	6	11	7	3	1	2	2	-	-
Collision with fixed object	8	8	-	-	-	-	-	-	-	3	-	4	-	1	-	-	-	-	-
Noncollision	86	60	26	-	-	2	4	12	11	23	7	19	3	2	1	2	-	-	-
Other and unspecified	4	4	-	-	-	-	-	-	-	2	-	2	-	-	-	-	-	-	-
Public Deaths (except motor vehicle)	36	24	12	-	-	-	1	5	2	4	1	8	2	3	-	4	6	-	-
Railroad (not with motor vehicle)	1	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
Other road vehicle (not with motor vehicle)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Water transportation	2	2	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-
Air transportation	3	3	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-
Falls	8	4	4	-	-	-	-	1	-	-	-	2	-	-	-	1	4	-	-
Fires	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Drowning	7	4	3	-	-	-	1	2	1	1	1	-	-	1	-	-	-	-	-
Firearms	1	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Other and unspecified public deaths	14	10	4	-	-	-	-	2	-	1	-	3	2	1	-	3	2	-	-
Unspecified	22	11	11	2	-	-	-	-	-	1	1	2	1	1	1	5	8	-	-

Note: This table contains information on deaths that occurred in Wyoming regardless of the deceased's place of residence. Other tables in this report contain information on deaths of Wvominga residents reardless of where the death occurred.

**DEATHS BY COUNTY OF RESIDENCE
AND COUNTY OF OCCURRENCE
WYOMING, 1994 - 1998**

County	1994		1995		1996		1997		1998	
	Res	Occ	Res	Occ	Res	Occ	Res	Occ	Res	Occ
Wyoming	3,481	3,349	3,720	3,559	3,604	3,422	3,740	3,583	3,847	3,660
Albany	159	168	166	168	164	158	160	162	184	180
Big Horn	127	104	130	88	129	94	122	94	136	105
Campbell	123	112	133	133	115	112	155	136	135	120
Carbon	149	139	148	141	144	122	119	107	146	135
Converse	93	69	97	83	89	68	76	57	86	67
Crook	47	30	49	32	38	33	36	29	55	43
Fremont	308	280	341	296	314	264	372	333	342	312
Goshen	104	80	129	111	117	94	116	97	134	115
Hot Springs	60	52	51	47	51	49	64	55	60	50
Johnson	60	53	83	73	79	64	81	64	84	79
Laramie	545	556	621	619	593	605	600	621	621	654
Lincoln	86	57	85	57	86	66	92	72	87	66
Natrona	451	519	531	587	499	541	537	582	513	553
Niobrara	30	21	32	20	34	32	33	28	24	22
Park	226	204	214	193	193	189	240	216	212	206
Platte	96	86	84	73	98	89	97	89	104	93
Sheridan	251	256	261	274	253	270	250	269	322	306
Sublette	47	40	38	42	36	32	59	54	52	46
Sweetwater	230	222	243	214	235	203	230	218	240	219
Teton	62	85	50	77	66	89	58	73	62	61
Uinta	91	85	96	99	109	101	108	98	84	77
Washakie	75	75	72	73	107	101	72	65	95	95
Weston	61	48	66	54	55	43	60	49	69	50
Yellowstone NP	-	8	-	5	-	3	3	15	-	6

**INFANT, NEONATAL, AND POST NEONATAL MORTALITY RATES
WYOMING AND THE UNITED STATES, 1970 - 1998**

Year	Neonatal		Post Neonatal		Infant	
	WY	U.S.	WY	U.S.	WY	U.S.
1970	15.3	15.1	4.7	4.9	20.0	20.0
1971	18.7	14.2	6.0	4.9	24.7	19.1
1972	17.5	13.6	4.3	4.8	21.8	18.5
1973	14.5	13.0	4.1	4.8	18.6	17.7
1974	11.3	12.3	4.9	4.4	16.2	16.7
1975	12.8	11.6	4.5	4.5	17.3	16.1
1976	10.7	10.9	5.7	4.3	16.4	15.2
1977	8.6	9.9	5.3	4.2	13.9	14.1
1978	8.1	9.5	5.0	4.3	13.1	13.8
1979	8.4	8.9	4.8	4.2	13.2	13.1
1980	6.4	8.5	3.4	4.1	9.9	12.6
1981	7.0	8.0	4.2	3.9	11.2	11.9
1982	5.9	7.7	4.0	3.8	9.9	11.5
1983	5.1	7.3	4.8	3.9	9.8	11.2
1984	7.1	7.0	4.0	3.8	11.1	10.8
1985	6.4	7.0	5.8	3.7	12.2	10.6
1986	5.7	6.7	5.2	3.6	10.9	10.4
1987	6.1	6.5	3.1	3.6	9.2	10.1
1988	4.3	6.3	4.6	3.6	8.9	10.0
1989	5.2	6.2	4.2	3.6	9.4	9.8
1990	3.9	5.8	4.7	3.4	8.6	9.2
1991	3.1	5.6	4.6	3.4	7.8	8.9
1992	4.2	5.4	4.9	3.1	9.1	8.5
1993	4.6	5.3	3.4	3.1	7.9	8.4
1994	4.0	5.1	2.8	2.9	6.8	8.0
1995	3.7	4.9	4.0	2.7	7.7	7.6
1996	4.0	4.8	2.4	2.5	6.4	7.3
1997	3.1	4.8	2.7	2.5	5.8	7.2
1998	4.3	4.8	2.7	2.4	7.0	7.2

Note: Rates per 1,000 live births.

**INFANT DEATHS BY AGE AND COUNTY OF RESIDENCE
WYOMING, 1998**

Residence	Total	Neonatal			28 Days - 1 Year
		Total	Under 7 Days	7 - 27 Days	
Wyoming	44	27	23	4	17
Albany	2	2	2	-	-
Big Horn	3	1	1	-	2
Campbell	-	-	-	-	-
Carbon	-	-	-	-	-
Converse	1	1	1	-	-
Crook	-	-	-	-	-
Fremont	9	6	4	2	3
Goshen	1	1	1	-	-
Hot Springs	-	-	-	-	-
Johnson	-	-	-	-	-
Laramie	9	4	3	1	5
Lincoln	-	-	-	-	-
Natrona	2	1	1	-	1
Niobrara	-	-	-	-	-
Park	4	1	1	-	3
Platte	1	1	1	-	-
Sheridan	1	1	1	-	-
Sublette	1	1	1	-	-
Sweetwater	5	5	4	1	-
Teton	-	-	-	-	-
Uinta	3	1	1	-	2
Washakie	1	1	1	-	-
Weston	1	-	-	-	1
Yellowstone NP	-	-	-	-	-

**INFANT AND NEONATAL DEATHS
BY COUNTY OF RESIDENCE
WYOMING, 1994 - 1998**

Residence	Infant						Neonatal					
	1994	1995	1996	1997	1998	Rate ¹ 94-98	1994	1995	1996	1997	1998	Rate ¹ 94-98
Wyoming	44	48	40	37	44	6.7	26	23	25	20	27	3.8
Albany	1	4	2	3	2	6.2	1	3	2	-	2	4.1
Big Horn	-	-	1	-	3	5.4	-	-	-	-	1	1.3
Campbell	2	2	3	4	-	4.9	-	1	1	3	-	2.2
Carbon	1	2	2	2	-	7.8	-	-	-	1	-	1.1
Converse	2	3	1	-	1	9.2	2	3	1	-	1	9.2
Crook	-	-	-	-	-	--	-	-	-	-	-	--
Fremont	4	7	4	5	9	12.2	2	2	1	3	6	5.9
Goshen	-	2	2	-	1	6.9	-	1	1	-	1	4.1
Hot Springs	2	-	-	-	-	9.1	-	-	-	-	-	--
Johnson	1	-	-	-	-	2.7	1	-	-	-	-	2.7
Laramie	9	8	6	7	9	6.8	7	5	4	6	4	4.5
Lincoln	2	-	2	1	-	5.4	2	-	2	-	-	4.3
Natrona	3	9	1	6	2	4.8	2	3	-	4	1	2.3
Niobrara	-	-	-	-	-	--	-	-	-	-	-	--
Park	3	3	5	4	4	13.1	1	1	5	2	1	6.9
Platte	-	-	-	1	1	4.4	-	-	-	-	1	2.2
Sheridan	4	1	1	1	1	5.9	2	1	1	-	1	3.7
Sublette	1	1	-	-	1	9.1	1	1	-	-	1	9.1
Sweetwater	5	2	3	1	5	5.8	2	-	2	-	5	3.3
Teton	2	-	2	-	-	4.6	1	-	2	-	-	3.4
Uinta	1	1	3	1	3	5.4	1	-	2	1	1	3.0
Washakie	1	2	2	-	1	12.3	1	1	1	-	1	8.2
Weston	-	1	-	1	1	8.5	-	1	-	-	-	2.8
Yellowstone NP	-	-	-	-	-	--	-	-	-	-	-	--

¹Rates are per 1,000 live births.

**RESIDENT INFANT DEATHS BY
SELECTED CAUSE AND AGE AT DEATH
WYOMING, 1998**

	Total	Neonatal			28 Days - 1 Year
		Total	Under 7 Days	7-27 Days	
All causes	44	27	23	4	17
Septicemia (038)	1	-	-	-	1
Bronchitis and bronchiolitis (466, 490-491)	1	-	-	-	1
Congenital anomalies (740-759)	13	10	9	1	3
Certain conditions originating in the perinatal period (760-779)	16	15	14	1	1
Newborn affected by maternal complications of pregnancy (761)	4	4	4	-	-
Newborn affected by complications of placenta, cord and membranes (762)	1	1	1	-	-
Disorders relating to short gestation and unspecified low birthweight (765)	8	8	8	-	-
Intrauterine hypoxia and birth asphyxia (768)	1	1	1	-	-
Infections specific to the perinatal period (771)	1	1	-	1	-
All other and ill-defined conditions originating in the perinatal period (775.2-775.9, 776.1-779)	1	-	-	-	1
Sudden infant death syndrome (798.0)	5	-	-	-	5
Unintentional injuries (E800-E949)	1	-	-	-	1
All other causes	7	2	-	2	5

Note: Code numbers following selected causes refer to the Ninth Revision of the International Classification of Diseases.

**STILLBIRTHS BY
COUNTY OF RESIDENCE
WYOMING, 1994 - 1998**

Residence	1994	1995	1996	1997	1998
Wyoming	39	34	48	27	24
Albany	-	-	3	1	3
Big Horn	3	-	3	1	1
Campbell	3	2	3	1	2
Carbon	-	2	-	1	-
Converse	1	-	3	1	2
Crook	-	-	-	1	1
Fremont	2	7	6	3	2
Goshen	-	-	1	1	3
Hot Springs	-	1	-	-	-
Johnson	-	-	-	-	-
Laramie	12	6	8	2	1
Lincoln	2	1	1	1	-
Natrona	7	5	6	8	1
Niobrara	-	-	1	-	-
Park	1	-	2	-	-
Platte	1	-	3	-	-
Sheridan	-	5	1	1	1
Sublette	-	-	1	1	-
Sweetwater	1	1	-	1	2
Teton	2	-	4	1	-
Uinta	3	2	2	1	1
Washakie	1	1	-	-	3
Weston	-	1	-	1	1
Yellowstone NP	-	-	-	-	-

***MARRIAGE AND
DIVORCE***

MARRIAGE AND DIVORCE

In 1998, the number of marriages performed in Wyoming declined for the third consecutive year. There were 4,788 marriages performed, 101 less than the previous year. The state's marriage rate fell from 10.2 marriages per 1,000 population to 10.0. Nationally, the marriage rate fell from 8.9 to 8.3.

In 46% of the marriages, both the bride and groom were entering their first marriage. Both the bride and groom had been previously married in 31% of the marriages. The median age at first marriage was 22.7 years for brides and 24.9 years for grooms. Median ages at remarriage were 37.2 years for brides and 40.5 years for grooms.

Both the bride and groom were Wyoming residents in 76% of the marriages taking place in the state. Neither the bride nor the groom were state residents in 18% of the marriages.

The number of divorces and annulments granted in the state has also been falling for the past three years. In 1998, 2,809 divorces and annulments were granted, 156 less than the previous year. The divorce rate fell from 6.2 divorces per 1,000 population to 5.8. This was the lowest state divorce rate since 1970, but was still 38% higher than the national divorce rate of 4.2.

The median duration of marriages ending in divorce was 6.0 years. Marriages lasting less than 5 years accounted for 43% of the divorces. Those lasting between five and ten years accounted for 24% and those lasting ten years or more, 33%.

The total number of children affected by divorce decreased from 2,772 in 1997 to 2,730 in 1998.

**MARRIAGES AND RATES
BY COUNTY OF OCCURRENCE
WYOMING, 1994 - 1998**

Residence	1994		1995		1996		1997		1998	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
U.S. Rate	--	9.1	--	8.9	--	8.8	--	8.9	--	8.3
Wyoming	4,862	10.2	5,037	10.5	4,959	10.3	4,889	10.2	4,788	10.0
Albany	281	9.1	254	8.3	257	8.4	279	9.4	230	7.9
Big Horn	84	7.7	87	7.8	90	8.0	85	7.7	68	6.0
Campbell	258	8.4	239	7.6	280	8.8	269	8.4	285	8.8
Carbon	155	9.7	142	8.9	114	7.2	142	9.0	142	9.1
Converse	120	10.3	136	11.4	145	12.0	128	10.4	117	9.5
Crook	45	8.0	42	7.4	35	6.1	37	6.4	42	7.2
Fremont	281	8.0	316	8.9	314	8.8	303	8.4	324	9.0
Goshen	123	9.8	133	10.5	151	11.9	128	9.9	132	10.2
Hot Springs	44	9.4	63	13.7	55	11.9	54	11.5	71	15.0
Johnson	72	11.1	81	12.2	59	8.8	73	10.8	55	8.1
Laramie	794	10.2	838	10.7	868	11.0	845	10.8	786	10.0
Lincoln	109	8.0	105	7.6	83	5.9	75	5.4	85	6.1
Natrona	641	10.0	658	10.3	585	9.2	554	8.7	582	9.2
Niobrara	22	8.7	23	8.8	21	8.0	33	12.5	30	11.1
Park	313	12.6	270	10.7	278	11.0	267	10.4	243	9.4
Platte	68	8.2	83	10.0	104	12.3	91	10.6	76	8.8
Sheridan	273	11.0	319	12.8	268	10.6	266	10.6	267	10.6
Sublette	65	12.1	58	10.6	62	11.1	46	8.1	69	12.0
Sweetwater	328	8.1	347	8.5	302	7.5	311	7.8	289	7.3
Teton	464	35.4	452	33.9	510	37.5	526	37.9	531	37.5
Uinta	159	7.9	215	10.7	221	10.9	188	9.3	193	9.4
Washakie	77	9.0	86	10.0	82	9.6	89	10.3	81	9.3
Weston	56	8.5	54	8.2	51	7.7	64	9.8	62	9.6
Yellowstone NP	30	--	36	--	24	--	36	--	28	--

**MARRIAGES BY MONTH
AND COUNTY OF OCCURRENCE
WYOMING, 1998**

Occurrence	Total	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Wyoming	4,788	245	287	245	277	457	670	580	720	473	302	231	301
Albany	230	13	13	5	14	29	36	18	53	21	10	4	14
Big Horn	68	6	4	2	2	4	13	5	7	11	6	3	5
Campbell	285	17	19	16	17	30	29	37	37	26	27	16	14
Carbon	142	5	8	3	13	14	23	19	24	12	6	6	9
Converse	117	6	8	6	4	10	19	4	27	14	8	4	7
Crook	42	2	-	-	4	9	7	5	6	1	4	2	2
Fremont	324	20	14	11	15	35	45	48	51	27	24	20	14
Goshen	132	8	6	10	14	13	15	12	14	10	9	7	14
Hot Springs	71	2	7	5	6	9	9	11	4	6	3	5	4
Johnson	55	3	5	3	3	7	7	8	11	4	2	1	1
Laramie	786	46	68	61	46	63	97	77	107	76	43	40	62
Lincoln	85	3	4	6	7	8	10	11	13	8	6	3	6
Natrona	582	28	28	23	31	62	86	74	73	51	42	35	49
Niobrara	30	3	1	2	3	-	5	3	3	3	2	1	4
Park	243	14	15	9	10	33	43	25	38	22	11	16	7
Platte	76	2	3	4	4	10	9	9	12	8	5	5	5
Sheridan	267	18	17	16	19	27	31	31	38	26	14	13	17
Sublette	69	2	4	3	-	4	15	11	13	4	3	8	2
Sweetwater	289	13	17	17	21	21	44	31	44	28	19	16	18
Teton	531	22	27	27	21	37	66	82	95	88	32	8	26
Uinta	193	7	11	8	12	15	34	27	24	13	17	10	15
Washakie	81	3	5	5	6	7	11	18	9	3	5	5	4
Weston	62	2	3	3	5	8	9	6	12	7	2	3	2
Yellowstone NP	28	-	-	-	-	2	7	8	5	4	2	-	-

**MARRIAGES BY AGE OF GROOM
AND AGE OF BRIDE
WYOMING OCCURRENCE, 1998**

Age of Groom	Total	Age of Bride												
		Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70+
Total	4,788	-	656	1,294	864	588	462	372	271	136	59	36	26	24
Under 15	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15-19	246	-	193	45	6	2	-	-	-	-	-	-	-	-
20-24	1,226	-	381	678	126	26	8	4	3	-	-	-	-	-
25-29	970	-	59	380	361	119	36	10	3	2	-	-	-	-
30-34	634	-	12	117	208	173	81	27	14	2	-	-	-	-
35-39	534	-	8	55	106	133	129	77	21	1	2	1	1	-
40-44	398	-	2	7	36	73	118	101	47	10	3	1	-	-
45-49	319	-	1	7	14	39	51	86	85	31	3	2	-	-
50-54	205	-	-	3	6	16	23	51	57	38	9	1	-	1
55-59	102	-	-	1	-	6	11	8	20	31	17	3	4	1
60-64	62	-	-	1	-	1	5	3	13	13	16	6	3	1
65-69	45	-	-	-	1	-	-	4	4	6	7	14	8	1
70+	47	-	-	-	-	-	-	1	4	2	2	8	10	20

**MARRIAGES BY AGE AND PREVIOUS MARITAL
STATUS OF BRIDE AND GROOM
WYOMING OCCURRENCE, 1998**

Age	Bride					Groom				
	Total	Previous Marital Status				Total	Previous Marital Status			
		Single	Widowed	Divorced	Not Stated		Single	Widowed	Divorced	Not Stated
Total	4,788	2,526	127	1,825	310	4,788	2,615	111	1,757	305
Under 15	-	-	-	-	-	-	-	-	-	-
15-19	656	615	-	6	35	246	227	-	1	18
20-24	1,294	1,074	-	133	87	1,226	1,105	1	59	61
25-29	864	503	3	318	40	970	695	1	222	52
30-34	588	191	7	359	31	634	319	1	270	44
35-39	462	93	10	326	33	534	148	9	340	37
40-44	372	32	18	293	29	398	69	12	281	36
45-49	271	13	12	220	26	319	33	7	259	20
50-54	136	2	17	101	16	205	13	14	160	18
55-59	59	3	11	40	5	102	2	7	80	13
60-64	36	-	16	18	2	62	3	12	43	4
65-69	26	-	15	6	5	45	-	21	24	-
70+	24	-	18	5	1	47	1	26	18	2

**DIVORCES AND ANNULMENTS WITH RATES
BY COUNTY OF OCCURRENCE
WYOMING, 1994 - 1998**

Residence	1994		1995		1996		1997		1998	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
U.S. Rate	--	4.6	--	4.4	--	4.3	--	4.3	--	4.2
Wyoming	3,140	6.6	3,149	6.6	3,084	6.4	2,965	6.2	2,809	5.8
Albany	165	5.3	172	5.6	155	5.1	142	4.8	156	5.3
Big Horn	50	4.6	44	4.0	44	3.9	36	3.2	30	2.6
Campbell	164	5.3	220	7.0	190	6.0	220	6.9	215	6.6
Carbon	113	7.0	112	7.0	122	7.7	83	5.3	62	4.0
Converse	65	5.6	83	7.0	63	5.2	67	5.4	51	4.1
Crook	27	4.8	23	4.1	21	3.6	19	3.3	24	4.1
Fremont	205	5.8	176	4.9	237	6.6	161	4.5	183	5.1
Goshen	51	4.0	74	5.9	66	5.2	66	5.1	70	5.4
Hot Springs	29	6.2	35	7.6	40	8.6	37	7.9	36	7.6
Johnson	26	4.0	40	6.0	35	5.2	29	4.3	25	3.7
Laramie	606	7.8	622	7.9	632	8.0	598	7.6	531	6.7
Lincoln	49	3.6	64	4.6	70	5.0	68	4.9	61	4.4
Natrona	565	8.9	519	8.1	499	7.8	465	7.3	432	6.8
Niobrara	13	5.1	11	4.2	12	4.5	12	4.5	11	4.1
Park	153	6.1	146	5.8	123	4.9	147	5.7	135	5.2
Platte	39	4.7	44	5.3	37	4.4	50	5.8	59	6.8
Sheridan	160	6.5	187	7.5	157	6.2	145	5.8	152	6.0
Sublette	30	5.6	34	6.2	30	5.4	28	5.0	30	5.2
Sweetwater	291	7.2	258	6.3	281	7.0	278	7.0	259	6.5
Teton	97	7.4	70	5.2	67	4.9	85	6.1	79	5.6
Uinta	167	8.3	127	6.3	126	6.2	136	6.7	132	6.5
Washakie	40	4.7	48	5.6	37	4.3	63	7.3	45	5.2
Weston	35	5.3	40	6.1	40	6.1	30	4.6	31	4.8

**DIVORCES AND ANNULMENTS BY DURATION OF
MARRIAGE AND COUNTY OF OCCURRENCE
WYOMING, 1998**

Occurrence	Total	Duration in Years											
		Under 1	1	2	3	4	5-9	10-14	15-19	20-24	25-29	30 & Over	Not Stated
Wyoming	2,809	172	276	266	275	229	676	350	264	148	85	66	2
Albany	156	8	13	14	17	17	45	19	8	8	4	3	-
Big Horn	30	2	1	1	6	2	7	4	1	1	-	5	-
Campbell	215	15	20	25	27	21	43	23	21	12	7	1	-
Carbon	62	4	8	7	5	5	17	5	8	-	2	1	-
Converse	51	5	6	7	4	3	10	6	3	3	4	-	-
Crook	24	1	2	2	4	4	5	2	1	1	-	2	-
Fremont	183	10	15	15	19	8	45	25	17	12	9	8	-
Goshen	70	7	10	5	7	5	17	10	3	3	1	2	-
Hot Springs	36	2	3	3	1	5	6	5	5	6	-	-	-
Johnson	25	2	-	2	1	1	7	4	1	5	2	-	-
Laramie	531	30	56	53	63	42	113	67	54	23	16	12	2
Lincoln	61	1	6	8	4	3	17	11	6	2	2	1	-
Natrona	432	28	46	42	35	38	110	53	39	20	13	8	-
Niobrara	11	1	-	1	3	1	3	-	-	-	1	1	-
Park	135	8	13	9	16	10	35	17	15	10	-	2	-
Platte	59	6	7	6	3	7	9	14	1	3	1	2	-
Sheridan	152	7	16	12	12	9	33	25	17	10	5	6	-
Sublette	30	3	-	3	1	1	10	4	7	-	-	1	-
Sweetwater	259	15	28	30	19	22	70	25	27	13	7	3	-
Teton	79	1	5	4	8	5	29	5	9	5	4	4	-
Uinta	132	12	15	10	12	13	28	19	12	5	4	2	-
Washakie	45	2	6	2	5	4	12	3	4	4	2	1	-
Weston	31	2	-	5	3	3	5	4	5	2	1	1	-

**DIVORCES AND ANNULMENTS BY NUMBER OF CHILDREN
AFFECTED AND COUNTY OF OCCURRENCE
WYOMING, 1998**

Occurrence	Total	Number of Children ¹						
		None	One	Two	Three	Four	Five& Over	Not Stated
Wyoming	2,809	1,327	618	576	213	57	18	-
Albany	156	82	28	37	5	2	2	-
Big Horn	30	17	3	9	1	-	-	-
Campbell	215	84	44	57	20	5	5	-
Carbon	62	36	9	11	5	1	-	-
Converse	51	22	16	8	4	-	1	-
Crook	24	14	2	4	2	1	1	-
Fremont	183	89	41	29	20	3	1	-
Goshen	70	40	11	12	6	-	1	-
Hot Springs	36	19	7	7	3	-	-	-
Johnson	25	11	7	5	2	-	-	-
Laramie	531	278	119	92	33	9	-	-
Lincoln	61	30	7	16	6	2	-	-
Natrona	432	173	112	99	39	8	1	-
Niobrara	11	8	3	-	-	-	-	-
Park	135	68	24	33	6	2	2	-
Platte	59	22	15	13	6	2	1	-
Sheridan	152	79	28	25	13	6	1	-
Sublette	30	14	5	8	2	1	-	-
Sweetwater	259	115	66	55	16	5	2	-
Teton	79	44	16	14	5	-	-	-
Uinta	132	51	38	26	12	5	-	-
Washakie	45	19	8	10	5	3	-	-
Weston	31	12	9	6	2	2	-	-

¹Children under age 18 in the family.